

#4

The bad news is that **printer** resolutions aren't equal to scanning resolutions. The good news is that it's easy...

...need. Here's a handy tip: To figure out the scanning resolution needed, divide the **printer** 's resolution by 3. You'll see that your 360-dpi color inkjet **printer** can make use of the information in a 120-dpi scanned image. (FYI, according to...

...The bottom line? If you're outputting to screen or to a low-end inkjet **printer** , a budget scan or a low-end digital camera will provide ample resolution -- much of...

...enlarged image. This is when you'll need to seek out higher-resolution options, because **images** from low-end **digital** cameras and photos-on-floppy providers will fail you.

Photo Fun

4 photo projects in...

...calendars, coffee cups, and postcards--each in under an hour.

Project: Real-Estate Flyer

Tools: **Image** -editing software, Adobe PhotoDeluxe

Step 1: **Digitize** a photo ...was the background gradient. The flyer is now ready for output on a color inkjet **printer** .

Project: Calendar

Tools: The PrintShop Deluxe CD Ensemble, **image** -editing software (optional)

Step 1: If necessary, touch up your photo with an image-editing...

...add text and graphics to highlight important dates. Then you're ready to print!

Project: **Photo** Mug

Tools: **Image** -editing software, Fargo FotoFun! **printer** , Fargo Mug Kit

Step 1: Use an **image** -editing application such as ColorIt! to touch up your original photo. In our example (left...

...tool. Finally, we used the text tool to write 1995 (right).

Step 2: Print your **image** on the Fargo FotoFun! dye-sub **printer** , using the **printer** settings recommended for coffee-mug transfers.

Step 3: Secure your printout to a supplied coffee...

...text (see below).

Step 5: We printed the file on the Fargo FotoFun! dye-sub **printer** , using paper supplied in Fargo's postcard kit. The final product was a glossy, photograph-quality postcard suitable for mailing.

Project: Postcard

Tools: Adobe PhotoDeluxe, Fargo FotoFun! **printer** , Fargo Postcard Kit

Step 1: Our original photograph of the carousel horse was unimpressive, especially...

36/9,K/4 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01854421 SUPPLIER NUMBER: 17443202 (THIS IS THE FULL TEXT)

Highlights from the exhibition. (includes related articles on art galleries, publishing, printing and Postscript, and Masters of Media showcase) (special supplement to Seybold San Francisco '95) (Industry Trend or Event)

Seybold Report on Publishing Systems, v25, n2, pS10(29)

Sep 18, 1995

ISSN: 0736-7260

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 24458

LINE COUNT: 02000

TEXT:

A.B.Dick2709

A.B.Dick, which owns Itek Graphix, will show the Digital PlateMaster (DPM) 2000 that was introduced at Drupa under the Itek Graphix banner (see SRPS, Vol. 24, No. 20, pp. 48-49). It is a combination scanner-platemaker that scans camera-ready artwork and produces polyester or paper plates to mount on a press. Optionally it can be configured with a Harlequin rip to accept PostScript files.

Also in the booth will be the Datametrics Cymax high-speed color **printer**, which A.B.Dick markets as the Digital Color **Printer**. It can print up to 20 A4 pages per minute (see Datametrics, below). A.B.Dick has exclusive rights to distribute specific Cymax models to the commercial and quick-printing markets and nonexclusive rights in certain other market segments. It was introduced at Drupa (see SRPS, Vol. 24, No. 20, p. 79).

Acquired Knowledge3803

Acquired Knowledge will unveil a new version of its preflight utility, called Download Mechanic Pro, featuring a screen preview. It has all the capabilities of the original Download Mechanic (automatically fixing common limit-check errors; finding and downloading missing fonts, applying printing effects to the PostScript output, etc.), plus the benefits of a built-in Level 2 interpreter. It can render pdf files for on-screen viewing.

The company will introduce a version for Windows.

Adaptive Solutions3325

Adaptive Solutions will feature its PowerShop Nubus/pci Photoshop accelerator. It maximizes the performance of unsharp masking, rotation, resizing and many other computationally intensive operations. (See Vol. 3, No. 3.)

Adobe Systems1613

As part of its "distribute and print" strategy, Adobe has created a telecommunications software product that enables the remote delivery of files between graphic arts print production providers and their clients. The Adobe Virtual Network for the Macintosh transports electronically produced documents over telephone and isdn lines, LocalTalk networks or the **Internet**. Group Logic, a developer of telecommunications software for the desktop video conferencing and graphic arts markets, provided its telecommunications technology knowledge to help design Adobe Virtual Network.

It comprises host and client modules. The host module can receive incoming jobs and route them automatically to processes within production workflows such as an Adobe OPEN program pipeline or a Color Central software printing queue. Each job is compressed, given a job ticket, and transferred according to the user's preferences.

Also in the booth will be PageMaker 6, which was introduced in August. It features support for html and pdf, multiple master pages, Photoshop effects plug-ins, and improved color management and tabular composition (see SRDP, Vol. 9, No. 11, p. 28).

Adobe will also show a new version of its trapping software, TrapWise 2.5, which runs on a Power Mac and traps four to ten times faster than previous versions. It also features trap zones to enable changing the trapping of a portion of a file; the ability to read and trap Scitex ct images; support for the OPEN workflow environment; preflight checking of inks and color separations; new floating palettes; and compatibility with opi 2.0.

Point S, a spinoff of the original developer of PressWise, will demonstrate ImagePoint, a Macintosh application to print continuous-tone images to a Postscript output device without having to open and manipulate the files within another application. Up to nine images can be proofed per page, in tiff, dcs, Scitex ct, eps and tiff/it formats. They can be scaled and given slug lines.

Also in the booth, Roderick Scott will show its Central Suite, which we covered at Nexpo (see SRPS, Vol. 25, No. 1). It allows Color Central to handle an unlimited number of queues and folders for high- and low-resolution images and fully automates the addition and removal of images from the opi server.

Adobe OPEN, which is being delivered, will also be shown.

Advanced Hi-Tech PSD & Entire4327

Advanced Hi-Tech, a supplier of page description languages, will show a group of products from its **Printer Systems Division**, including a low-to medium-speed device that automatically switches between PostScript and pcl-5e. Also on display will be ColorInt technology for matching colors among scanners, printers, monitors and other devices. The device profiles it generates are compatible with both Adobe's color-rendering dictionary format and the ICC format.

AHT also will feature its ColorTec server, which converts a digital color copier into a full-function color network **printer**.

Agfa1201

See Hot Picks, where the Chromapress is highlighted.

Besides the Chromapress digital press, Agfa will feature two digital cameras introduced at Drupa -- the StudioCam for studio work and the ActionCam (based on a Minolta camera) for action photography -- and the DuoProof color proofer, which incorporates both wax thermal-transfer and dye-sublimation technology in the same machine.

Other output devices will include the Avantra 44 eight-up drum imagesetter feeding an online processor and the Accuset 1500 high-speed (22.5.sup.2 /min.) capstan recorder imaging Setprint polyester plates. They will be driven by the full family of rips: the Star 400 and 800 NX hardware rips, the MultiStar 400 and 800 NX multiplexers, and the Cobra, Viper and Taipan software rips. The Taipan rip was new at Drupa. It runs on a '486 or Pentium pc under nt. It supports hot folders to route jobs to specific processes. The Type Division will show version 6 of its Type cd and its collection of Japanese faces.

Agfa will show three scanners: the entry-level StudioScan IISI, the Arcus II and Horizon Plus, but not the top-of-the-line SelectScan.

Also in the booth will be the Mainstream output environment shown with a variety of third-party applications.

Alaras3536

Alaras will show Tropix 2.0, an image-management and -workflow automation package now running on the Macintosh, with Windows and nt servers in the works.

Being previewed is MaskerAide, a masking application for the Mac.

Alaras will also show Apertura 2.0 and Mixxer, both of which were shown at Seybold Seminars Boston (see Vol. 3, No. 9). Apertura enables image-editing tasks to be offloaded from a Scitex system to a Macintosh. Mixxer offers a transformation matrix for changing cmyk values while maintaining shape and detail.

Alpha Merics4325

Alpha Merics will show the same 300-dpi Spectrum wax-based ink-jet **printer** it featured last year (see Vol. 3, No. 3, p. 4, and No. 9, p. 7). It is notable for printing on nearly any material of nearly any size or thickness. It comes in two models: one printing an area of up to 52.sup.2 x48.sup.2 and the other 52.sup.2 x90.sup.2.

American Color209

American Color, a desktop-to-high-end system integrator, will feature the C-Quest image database system developed by Image Concepts, which features a search engine the company calls a "hierarchical synonym thesaurus" (see Vol. 3, No. 9, p. 48). American Color is installing it at its imaging facilities. Its American Images subsidiary has obtained exclusive marketing rights to the C-Quest software in the graphic arts and digital imaging service industries.

C-Quest, which is a cross-platform application, uses synonyms as its primary search strategy. The engine is relatively fast, searching at a rate of more than 20,000 terms a second.

American Ink Jet3737

American Ink Jet will introduce AquaBond, an ink and media combination for generating waterproof prints from any NovaJet or compatible **printer**. It also will show Graphic Arts ink, which is claimed to be 40% more resistant to uv light than other inks.

Amiable Technologies3907

Amiable Technologies will feature its signmaking and production software, FlexiSign Pro (see Vol. 3, No. 9). It can import or scan images, edit templates or trace artwork, and then output to vinyl cutters, printers and digital color printers. Version 5.5 includes FlexiPrint, a feature set with a built-in rip for digital color printing.

Apple Computer1213

See Hot Picks for coverage of the Masters of the Media display and a sidebar on p. 26.

Besides its role in the Masters of the Media Showcase, Apple will show its current product line, including the Power Mac workstation family; the A4-size, 3-ppm Color LaserWriter; the AudioVision 17.sup.2 Display; the QuickTake 150 digital camera; QuickDraw 3D and QuickTime VR.

Third-party developers tentatively scheduled to show publishing products include Adobe Systems, Agfa, Busy Box, Candela, Ceneca, DayStar, Fauve (recently acquired by Macromedia), Fractal Design, Fuji, HSC Software, Light Source, Nikon, Pantone, Scitex, StarNine, among others.

ImageXpress will show ScanPrepPro 2.02, which we saw in an earlier version at Nexpo (see SRPS, Vol. 25, No. 1).

The Belgian developer FirstClass NV will show Tailor for Macintosh, a visual click-and-drag application for editing PostScript files. It is based on Tailor for NextStep, the first visual PostScript editor on the market, which has been in the field since late in 1993.

Charon will exhibit Macintosh-to-Unix connectivity, with connection to SGI and RS6000 workstations.

ArborText1101

ArborText will feature the latest release of its Windows version of Adept Editor, boasting refinements to the toolbars, support for Cyrillic and Greek, and support for additional graphic formats including cgm, gif and jpeg. Dtds and style sheets are now included for html 2.0, DocBook 2.2.1, ATI Article and ATI Book.

The new release's api fully supports the Windows Sockets Interface, allowing Adept Editor to connect more easily to a variety of third-party software, including databases, graphics editors and networks. Adept Editor also now supports the Sgml Open Catalog, a new industry standard for the identification of external entities such as graphics and reusable blocks of text.

Archetype2225

Archetype will demonstrate a prerelease version of Archetype Duo, its **Web** publishing application, plus its Information Management System 3.0, in its official launch after being previewed at the Seybold Seminars in Boston (see Vol. 3, No. 3).

In addition, Archetype will show MediaBank, an off-the-shelf prepress database server that allows the user to catalog, search, purge and archive PostScript images, fonts and document files on a network.

Two of Archetype's partners will demonstrate their products. Marcus Technology will exhibit its cd-rom jukebox archiving system. (For more on Marcus Technology, see Marcus, below.)

Xitron's Pilot opi server and router, which runs under nt, incorporates Archetype's opi. When used with Xitron's Spinnaker multiplexer, output is achieved without user intervention. Xitron also will show its latest Navigator rip.

Artifex Software4329

Artifex will feature its RipSet universal pdl interpreter. It interprets PostScript Level 2 and, new at the show, pcl 5 and pdf.

Auto-Graphics3743

Auto-Graphics will highlight a Windows version of its Smart Editorial System 5.3. It supports research and editorial functions of highly structured, record-oriented databases that need to be assembled, reviewed and managed on a regular basis (see Vol. 3, No. 4).

Also demonstrated will be the Impact search-and-retrieval engine for sgml-based documents. It provides searching, indexing and cross-referencing features for both Mac and Windows platforms. Hyperlink capabilities of sgml attributes are also supported.

Autologic2211

Autologic will show its APS SoftPIP 2100 workstation connected to an APS-200 opi server driving an APS ColorMaster, an APS-200 laser printer and an APS 650PS large-format printer.

Autologic also will offer some new networking services.

Meanwhile, procedures leading to the merger with Information International are continuing. The deal, which was announced at Nexpo, is not finalized.

Barco Graphics517

See Hot Picks for coverage of the Barco FastRip and theDesign Rule Checker, PS-Fix and IQE PostScript utilities.

Barco will highlight most of the products it introduced at Drupa (see SRPS, Vol. 24, Nos. 17, 20 and 21), which include some of the expected highlights of the show.

The BG-2500 series of workstations are based on MIPS R4400 and R4600 risc processors. Software includes a Client-Server Access Module and applications for handling linework and contone images, plus a collection of individual modules containing the functionality of the Strike and Creator systems, enabling the customer to choose the ones that suit a particular workflow.

Version 9 of the DigiLabel and DigiPack systems for package design add two important modules to the software: PLW and QuickStep. PLW is a layout and stripping station that works in spline, pixel and vector modes at the same time, making it possible to return data to a desktop system after modification, without losing any information. QuickStep is a new step-and-repeat program that can be output on the fly by a FastRip or exported to a PostScript environment.

The Kaleidoscope color-management system ensures that accurate color is maintained within a Barco system. It includes InkSwitch and InkPlanner modules, plus characterizations for various monitors, proofers and other devices.

Barco also will show its Design Link two-way link that turns a Macintosh into a design station on a Barco system.

Beta Industries2731

Beta Industries will demonstrate its Betalog 77 portable transmission densitometer and Betalog 130 transmission and reflection densitometer, both of which interface with the Betacal Color Calibration software for PostScript devices.

The software, which works with any PostScript or compatible rip, runs on Mac and Windows systems. The price is \$69.

Binuscan4127

Binuscan will show an upgraded version of its ColorPro software. New features include increased processing speed, dcs format support for dye-sub printers, a tool for measuring both rgb and cmyk values in the preview, and support for Pro Photo CD format. Also new is selective preview resolution, which corresponds to the output resolution and adjusts the resolution of the image in the main dcs file, not just the preview resolution.

Also shown will be Binuscan II Professional Toolkit and Job Manager, both covered at this year's Nexpo show (see SRPS, Vol. 24, No. 21).

Bitstream1945

Bitstream will showcase its TrueDoc imaging technology, a system for integrating true fonts into software applications, operating systems, software architectures and firmware (see Vol. 3, No. 2). It will be demonstrated integrated into a prototype Web browser from Spyglass.

Corel has licensed the TrueDoc technology for use in its product line. Corel Presents Runtime player, a utility that plays back presentations created in Corel Presents 6, will be the first of its products to take advantage of TrueDoc's ability to display all typefaces in distributed electronic documents without embedding or synthesizing fonts.

Version 2.0 of TrueDoc provides faster redraw rates and antialiasing for PostScript Type 1, TrueType and bitmapped fonts. It is now available as Windows dlls and Macintosh "libraries." Version 2.0 also features improved hinting quality and speed on the TrueType font reconstitution module for screens and printers.

Cactus3825

Cactus will show the latest versions of its CactusPower rip, its Layout Software and its Print-O-Matic for use in driving large-format color printers. Layout Software provides on-screen control of scanning, cropping, positioning and aligning of large-format **images**. Print-O-Matic **sends** files processed by CactusPower to any Cactus-supported **printer** device.

Cactus is also expected to announce Cactus Soft Proof, a new color-calibration system for color output devices based on a new color-calibration algorithm. Cactus claims that it is simple to use for beginners and professionals, provides fast construction of lookup tables and generates very accurate screen previews of printed output.

CalComp2719

CalComp will show its extensive line of printers and input devices. Among them will be the new TechJet wide-format color **printer**. Also demonstrated will be the EcoGrafix Film Imaging System, which requires no chemical processing (see Vol. 3, No. 2).

Calumet Photographic/Megavision4107

Calumet Photographic is a distributor of professional photographic imaging equipment. It is also the exclusive distributor of the Megavision T-2 **digital** camera. This three-shot system, which captures 12-bit color **images**, can be used as a camera back or stand-alone camera (see SRPS, Vol. 23, No. 9).

Camino Electronic Publishing3601

Camino provides electronic publishing services to high-tech companies in the San Francisco Bay area. Using Acrobat technology, Camino publishes hardware and software technical manuals on cd-rom, file servers and dial-up bulletin boards. It uses its own proprietary software, called Camino Librarian, as a front end to Acrobat.

Camino Librarian gives users an expandable and collapsible outline of all the manuals in a search library. Users can expand categories to see manual titles, expand manual titles to see chapter titles and click to open a manual at the first page of a selected chapter. Once a manual is opened, Acrobat bookmarks show the complete structure of the manual; double-clicking on a chapter or section brings the user to that location.

Canon USA1125

See Hot Picks for coverage of the Canon ColorGear color-management system.

In its own booth, Canon will feature its full line of color laser copier-printers and Bubble Jet printers.

Canto Software2510

Canto will demonstrate version 2.5 of its Cumulus network image database, which is now available. New features include AppleScript support, a folder-watching application called Vento, a royalty-free browser and support for additional file types, such as Illustrator and QuickDraw 3D (see SRPS, Vol. 25, No. 1).

Cascade Systems2625

Cascade will exhibit its suite of products for the management of electronic data. These include its MediaSphere digital archive system (see Vol. 3, No. 3), an upgraded version of its DataFlow production-tracking system (see SRPS, Vol. 24, No. 18) and its ImageFlow file-server software (see Vol. 3, No. 3) running on a Sparcstation under Solaris 2.4.

Codesco445

Codesco will highlight Extended Technologies' Ex TrueDoc Xtension for Xpress, which we first saw at the Nexpo show (see SRDP, Vol. 9, No. 11). It allows Xpress to take advantage of Bitstream's TrueDoc technology for creating a portable font format.

It consists of two parts. The Ex TrueDoc recorder recognizes the fonts used in the current Xpress document and embeds them in the file. The Ex TrueDoc viewer, when used on a machine that does not have the same fonts installed, generates the missing fonts, making them available only to the current document.

Colorbus3815

Colorbus will demonstrate new connectivity from its Cyclone color imaging system to the new Hewlett-Packard 750 large-format electrostatic plotter and the new Xerox Regal 5970 copier-**printer**. It also will be

driving an Encad NovaJet ink-jet **printer** and a Canon CLC digital copier-**printer**. Support for the Xerox Versatec is planned. (For more on Cyclone, see Vol. 2, No. 3.) The Cyclone will be driving two digital copiers concurrently and possibly one large-format ink-jet device.

In another exhibit, Colorbus will show its WebStorm service linking service bureaus with potential printing customers via the World Wide **Web**, as was shown at the Seybold Seminars in March.

Color Partnership901/1213/2825

Exhibiting in the Ultimate Technographics booth, the Color Partnership will debut a Photoshop plug-in for color calibration. Also in the booth will be the CP 4000 desktop drum scanner -- the Color Partnership version of the Juno Enterprises Imaging ColorMite. It supports 4,000-dpi resolution, a 6.sup.2 x8.sup.2 image area and a density range of 3.8.

Color Solutions1143

Color Solutions will show its color-management and profiling suite of products called ColorBlind (see Vol. 3, No. 3), which will feature enhanced ICC-profile and crd support. It will also introduce three new products, which are extensions of ColorBlind developed for specific uses (see the Addendum for details).

Colossal Graphics4243

Colossal Graphics will highlight its Colossal Bulk Ink system, an upgrade kit that increases the ink supply of large-format ink-jet printers (see Vol. 3, No. 3).

Common Ground Software409

Common Ground Software (formerly No Hands Software) will show Common Ground 2.0, its electronic document distribution application, which now uses Bitstream's TrueDoc technology and antialiasing of text to improve readability, even at sizes smaller than 7 points.

Also new is the Common Ground **Web** Publishing System, which consists of client and server components. The client is used for creating DigitalPaper documents and linking them to resources on the **Web**. A tool for creating url links enables document authors to link DigitalPaper documents to html pages, other **Web** sites or other DigitalPaper documents. Any table of contents or document summary information is automatically extracted by the **Web** server for insertion in the html templates.

The server creates a navigational infrastructure for a library of DigitalPaper documents. It is possible to view single pages of a document. A feature called Page-on-Demand eliminates the need to download the entire document before viewing it.

The client component is available for Windows and Windows 95. A Macintosh version is expected in October. The server is available for Unix, with Macintosh and nt versions expected in October.

The final new product, AutoMaker, is a batch processing tool that allows unattended conversion of any document or PostScript file to DigitalPaper format. It is aimed at corporations with large collections of existing documents or high-volume production needs.

Cooperative Printing Solutions2839

COPS will show DocuServe, a job-creation and archiving system for use with large printers, such as the DocuTech. Consisting of a server and a client application, it requires a compatible opi-dcs server, such as Printdesk or PServe. (Color Central and Helios later.)

Used with the DocuTech, it is possible to build an entire job consisting of many disparate pieces -- opi **images**, user fonts and layouts. The user selects from available files, indicates print options and then **sends** the job to any **printer** site, either on the network or remotely. The DocuServer host opens the job ticket, gathers all required job components and **sends** everything to the appropriate output device.

Corel3344

Corel was a last-minute entrant, so we were unable to get a detailed report. We know that Draw 6 will be shown and that Corel Ventura Publisher won't. We hope to have more details in the Addendum.

Craig Associates 3601

Craig will feature the ColorScribe 6000, which it claims is the first color ink-jet **printer** capable of labeling printable cd-r media. Craig

develops special cd-r media to work with the ColorScribe.

Cymbolic Sciences225

Cymbolic Sciences will show a four-up version of its PlateJet imagesetter, which outputs directly to plate or film. It operates at two resolutions -- 2,000 and 4,000 dpi -- with an optional upgrade to 8,000 dpi. Also shown will be models of its LightJet continuous-tone color **digital** film recorders that **image** onto rgb photosensitive materials.

Dalim Imaging Software501

Dalim will show Maistro, its production planning, control and automation system introduced at Drupa, being shown for the first time in the U.S. It was in very early form at Drupa, so we expect to see a much more complete product. It manages the workflow between design and production within a Unix, pc or Mac network. It handles deadline management, proofing and recording tasks. Using the Versant database, it supports backup, archival and hierarchical data storage management (see SRPS, Vol. 24, No. 21).

Dalim also will demonstrate Calypso, its page makeup and retouching package; Bolero, which executes **digital** artwork and reproduction for the packaging industry; Galerie, **image** and document archival software; Toccata, server software for the direct-to-plate market; and Twist, automated data-conversion software with an autotrapping option.

Datametrics4411

Datametrics will show its Cymax 3240 wax-transfer **printer**, formerly called the 3010, developed for use in the defense business and now available commercially. It produces 300-dpi, four-color output on nearly any medium at speeds up to 20 A4 ppm (3.sup.2 /sec.). It prints 12.sup.2 wide by any length up to 3,000 cts. (See SRDP, Vol. 9, No. 12.)

DataStream Imaging Services511

Exhibiting in both the XChange and World-Wide Power booths, DataStream will demonstrate three Quark Xtensions. Gymnast XT allows pictures, text, formatting and graphics to be brought directly into Xpress. Available for the Mac and Power Mac, it also enables importing Acrobat files. Release is scheduled for the first quarter of 1996.

Version 2 of Step & Flex allows the user to create custom templates and targets. Additional picture import capabilities and support for pc graphics formats have been added.

Version 2 of SXetch Pad imports Acrobat files and features a new freehand drawing tool, improved text tools, improved blending tools and speed enhancements.

Dataware Technologies404

Dataware Technologies is giving the first public demonstration of CD Author for Acrobat. CD Author, an easy-to-use, fully integrated cd-rom authoring tool, is now combined with the character and display capabilities of Acrobat to provide a powerful approach to page-based cd-rom information products.

Dataware also will demonstrate its sgml capabilities integrated with CD Author/CD Answer.

DayStar Digital1601

DayStar will highlight its Genesis MP multimedia publishing system built around the Mac os. It uses a new multiprocessing (mp) technology developed in partnership with Apple. The mp technology allows the Genesis to distribute work across four PowerPC 604 processors (at 132 mhz) servicing one or more publishing applications.

The system includes 32 mb of ram (expandable to 1.5 gb), 512 kb of level 2 cache, six pci slots, dual scsi buses, accelerated 24-bit graphics and pci-based QuickDraw 3d graphics acceleration. Other features include a quad-speed cd-rom drive, Ethernet 10Base-T and AAUI ports and 16-bit stereo in and out.

DCS2842

DCS will feature its CatTrax system for managing catalog production workflow. It uses a concept of "ads," which are modular blocks within a catalog spread. An ad is a grouping of copy, images and pricing that makes a coherent whole. DCS expects the "ad" concept to lead to efficiencies in publishing zoned catalogs, specialty spinoff catalogs and other types of

content reuse.

New features include extended import-export capabilities, user-level password security, improved support for Scitex ct and lw files, tracking of checked-out files, and master spread pages that can be constructed automatically based on trim size and bleed specifications.

Deneba Software4039

See Hot Picks, where the Canvas 5 is highlighted for its addition of significant new functionality.

Dewar Information Systems3726

Dewar, which has just been acquired by Sysdeco of Norway, which also owns Atex, will feature its DewarView editorial environment and related products. Included will be the LanPak Editions, which are preconfigured for 1, 3, 10, 20 or 30 users. The LanPak is a fully featured version of Dewar's Workflow Manager for Workgroups, with an sql database driver.

The DewarView Workflow Manager for Workgroups provides integration and organization tools for managing workgroups in a publishing environment. The Pagination Edition manages the assembly of multipage publications and documents. It allows multiple users to access and work on the same page simultaneously, monitoring and recording all activity. (See SRPS, Vol. 23, No. 11.)

Dewar will also show Catalynx, a catalog production system that provides tools for creating complex tables and indexes. Links can be established between catalog items and the database. These links are used to update data on catalog pages.

Dewar will also show its CharmXT suite of Xtensions for Xpress (see SRPS, Vol. 23, No. 11).

Dicomed4119

See Hot Picks for a discussion of the new BigShot digital camera.

Besides its digital camera, Dicomed will highlight its new 6300T Desktop Scanner, which accommodates positive and negative film originals from 35mm to 4.sup.2 x5.sup.2 . A 4.sup.2 x5.sup.2 image can be scanned widthwise in 80 seconds, generating an 82-mb file, or lengthwise in 2.5 minutes, generating a 137-mb file. A 35mm image can be scanned at 3,000 pixels/inch in 60 seconds.

It uses a 6,000-pixel tricolor ccd to provide one-pass color scanning, 4,096 gray levels per color. Dicomed says the dynamic range is greater than 3,000:1, equivalent to a density of 3.5. Its variable resolution exceeds 6,000 pixels per inch, Dicomed says.

Software accompanying the scanner features on-the-fly cmyk conversion; ucr, gcr, uca and dot-gain settings; control over highlight and shadow points; and a preview of usm before it is applied. Other features include a live densitometer, on-screen exposure and color-balance verification.

Digital Equipment4139

DEC will feature its Alpha systems, including the AlphaStation risc pcs and servers. Its workstations are part of the Barco Hot Pick selection and some New Technology Lab demonstrations.

Digital Instrumentation Technology3333

Digital Instrumentation Technology (DIT) will show an enhanced version of TransferPro for Windows, a file-transfer program that enables reading and writing Macintosh files on a pc. The new version formats according to drive capacity rather than vendor id. DIT has increased the size of Macintosh disks supported from 1 gb to 4 gb per partition, and added support for 2-terabyte Macintosh partitions, which will be available with the next Macintosh operating system. The new program includes viewers and converters to enable previewing a large number of graphic images and converting them from one type to another. Among the formats supported are tiff, jpeg, pcx, Targa, dib, dcm, gif, bmp, wmf, pict, cals, Sun Raster, Macintosh, Photoshop and Kodak **Photo** CD.

Digital Pressworks3442

Digital Pressworks is a franchise large-format **printing** network. Franchise centers are linked through the Rainbow Network, a high-speed backbone that transports files of more than 100 mb via secured **Internet** access.

DK&A1937

DK&A will show a new version of Inposition, its imposition program for the Macintosh. Version 1.6 adds the ability to import Acrobat files, better positioning capabilities, user-definable collating and crop marks, sheet edge and gripper marks and the ability to print discontinuous plates or color separations.

DS Design3638

DS Design will show Colorize 2.0, its program for colorizing black-and-white tiff images. It uses paint tools for creating blends, gradient fills and airbrush effects, and paints scanned illustrations, clip art, logos and other bitmapped images (see Vol. 3, No. 3).

DuPont2501

DuPont will focus on output products, featuring its new line of Celix imaging devices introduced at Drupa (see SRPS, Vol. 24, Nos. 15 and 20) and a new server. The Celix family consists of the 2000, a two-page desktop imagesetter with a Crosfield PostScript rip; the 4000, a four-page imagesetter with an Adobe CPSI rip; the 8000, a large-format device imaging eight-page film flats; and the 8000 CTP, an eight-page platesetter imaging metal plates. Both eight-page units have Adobe rips.

The CelServer is an open-system file server and multiple-output rip. It provides automated opi image substitution, job tracking, production control, archiving, image browsing and a relational database. It runs under Solaris 2.4 on a Sparcstation and supports both Mac and pc clients. CelServe interfaces with desktop applications, management information systems, local and wide-area networks, and various input and output devices.

The CelServer also offers an **image** database with **thumbnail** views of all **images** in the current workflow for **image** browsing. Activities can be monitored by job or by workstation. All elements associated with a given job can be archived and restored using the CelServer.

Also on display will be the WaterProof PreView, an A3-size dye-sublimation color proofing system based on a Minolta engine and calibrated to match DuPont's WaterProof and Digital WaterProof proofing systems. It features a built-in Sparc-5 print server with 32 mb of ram and a 1,080-mb hard disk.

The system can check traps and overprints and offers direct proofing of cmyk tiff and cmyk Photoshop data.

DynaLab410

DynaLab will display its DynaRip (using some SeeColor technology) for Chinese and Japanese fonts and SeeColor's Radiance color matching system with NovaJet and HP 650C printers.

Eastern Graphics Technology4211

Eastern Graphics Technology has developed 103 TrueType Chinese fonts. They include 52 faces with 471 Hong Kong-localized characters that can be entered using the ChangJie input method. Its new Character Personalization System technology can be used for the automatic generation of personalized typefaces based on handwritten template characters.

ECRM2532

ECRM will feature its new KnockOut 4550 imagesetter, an 18.sup.2 - wide, high-resolution, capstan-driven imagesetting system with head and tail punches. It accommodates broadsheet newspaper pages or four-up commercial work with crop marks and color bars. It features 2,540-dpi resolution, 1-mil accuracy, 200-line screens and an imaging speed of 21.sup.2 /minute at 1,000 dpi.

To optimize quality, the KnockOut includes two features for preventing tension from building on film: a "lazy loop" as film enters the machine and a dual-buffer exit system.

It is sold by ECRM with a Harlequin rip and by Monotype, Autologic and other vendors through oem deals.

Electronic Book Technologies1137

EBT will show its DynaWeb 1.0 sgml-based **Web** server software, introduced a year ago at Seybold San Francisco (see Vol. 3, No. 2). It provides **Web** client browsers with the full functionality of the DynaText search engine, including the capability of full-text, wildcard, Boolean, proximity, context and complex searching.

EBT will also show Figleaf ("Figure leaf"), a free, multiformat World Wide Web browser. It directly supports viewing of native cgm files and a broad range of other popular raster and vector file formats, such as tiff, gif, epsf, cals (ccitt group 4), bmp, Sun Raster and jpeg. Helper applications, specified in Web browsers' "Options/Preferences" area, are automatically launched when a browser encounters a format it doesn't natively support.

EBT also will show WebTap, a free HotJava applet for stress testing and analyzing Web servers. It can be directed to "tap" a Web server and report back such data as response time, download time and processing time for document requests. In addition, it enables "continuous tapping" to stress-test Web servers.

Electronics for Imaging1014

See cooperation with Indigo in Hot Picks section, where it is readying a Fiery XJ controller for the E-Print 1000.

Besides its Fiery for Indigo, EFI will introduce Fiery-Driven print controllers for desktop color laser printers. Using Fiery's XJ architecture and new compression technology, they enable color laser printers to output three to five times faster than with their standard controllers.

The controllers are built around MIPS R4600 risc processors, CPSI software, EFIColor Works color-management software and Fiery Spooler, Downloader and Print Calibrator utilities.

EMPA/UGRA3910

EMPA, the Swiss Federal Laboratories for Materials Testing and Research, and UGRA, the Association for the Promotion of Research in the Graphic Arts Industry, work on projects for prepress, printing and quality control.

They will show version 1.5 of Velvet Screen fm screening technology (see Vol. 3, No. 2). Its main features are an adjustable noise factor to optimize image quality and dot distribution, and the ability to generate dcs files for faster output.

Also on display will be the latest versions of the UGRA/FOGRA Digital Print Control Strip, a PostScript toolbox for digital layout and process control, and the Reproduction Test Chart for calibrating input devices.

Encad3839

Encad will highlight what it calls Extreme Color Printing, a system approach that uses tuned fm screening and ColorBlind color profiles with NovaJet printers.

Also shown will be the NovaJet Pro, a prototype of which was shown at Drupa under the name 48GA, where it printed more than 48.sup.2 wide and included a fifth ink cartridge. The finished version will be demonstrated in several areas, including Apple's booth, the HiFi color display and the exhibits of some Encad partners. It features a continuous-ink system with cavities holding 500ml of liquid ink that can be refilled while the NovaJet is running.

Another product shown at Drupa, the NovaZoom, is a scan-to-print controller that enables scanning four-color photos and printing them enlarged to 999% on the NovaJet. (See SRPS, Vol. 24, No. 21, p. 64, for details on both Drupa products.)

Epson America4033

Epson will highlight its full-bleed, 11.sup.2 x17.sup.2 Stylus Pro XL color printer, which offers 720x720-dpi output, and the letter-size Stylus Pro. They will be driven by Birmy Graphics software rips.

Epson will also demonstrate its ES-1200C Pro 30-bit, 2,400-dpi scanner and its ES-1000C 1,600-dpi scanner.

Also in the booth will be the ELP-3000 lcd projector, which is Mac, pc and video compatible, weighs less than 17 lbs. and can project images up to 300.sup.2 diagonally.

Equilibrium3708

Equilibrium will demonstrate the expanded capabilities of its DeBabelizer, with support for interlaced gif (the Internet standard graphics format for World Wide Web browsers) with selectable transparency. Version 1.6.5 supports cross-platform graphics translation for more than 60 bitmapped graphics and animation formats.

Also on display will be Equilibrim's Developer's Toolkit 1.6 for the Macintosh, now available at no charge.

ExecuStaff Composition Services3702

ExecuStaff will show an Addition for PageMaker that automates the generation of tables. Called ExecuTable, it automatically calculates gutter and column widths to produce visually balanced tables of a fixed total width. It also supports a variety of alignment options and straddle heads (see SRDP, Vol. 10, No. 1).

ExecuTable is aimed in part at the professional book-publishing market, where it is in use at several customer sights.

Exoterical218

Exoterica will show OmniMark, version 2, release 5, its text-processing language with sgml-related features. Included are extended attribute handling, simplified access to information about the hierarchy of open elements, access to the contents of comments and ignored marked sections, and fully customizable handling of external entities.

Extensis201

Extensis will show its line of add-on products for Xpress, PageMaker, Photoshop, Illustrator and FreeHand. These include the QX-Tools set of ten Xtensions for Xpress and the PageTools Additions for PageMaker; DrawTools for 3d, color and object manipulation in Illustrator and FreeHand; Intellihance for automatic adjustment of images in Photoshop; and Chromatics, a new color technology for use in Photoshop.

See also XChange.

Fargo Electronics3705

Fargo will feature its 300x300-dpi Pictura 310 and 600x300-dpi PrimeraPro color printers, both of which have been shown before and both of which combine wax thermal-transfer and dye-sublimation technology in one unit.

Fauve Software715

See Macromedia.

5D Solutions2745

5D Solutions will announce two additions to its Jaws rip: kernel support for opi, which no longer requires oem customers to write any code, and native-mode support for cid-keyed fonts. Cid fonts, which are easier to handle and distribute, represent Adobe's new and recommended technology for handling fonts with large collections of characters. In addition, the new format can be rendered more efficiently by the rip than the old composite-font format.

Folio3925

Folio will demonstrate its Infobase **Web** Server, an http server for nt, which makes Folio Infobases available across the World Wide **Web**. Using the new server, an Infobase can be accessed simultaneously by users on the **Web** and by others using Folio Views 3.1 locally. The server performs on-the-fly translations of Infobases into html format for immediate viewing using standard **Web** browsers.

Folio will show its Retriever for finding and downloading user-specified information from the **Web** to populate Infobases. As a Folio Infobase, the information automatically includes full-text indexing and a hypertext-enabled table of contents with levels that expand and collapse. In addition, users can personalize the information with bookmarks, annotations, electronic highlighters and popup notes.

Folio also will exhibit its Views 3.1 Infobase Production Kit for the Macintosh.

4-Sight1537

4-Sight will introduce its ADS (artwork delivery system) for the Macintosh, for delivering artwork between ad agencies and publishers. It takes an electronically created document and saves the **image** with the outline of all fonts as an eps file. This file is then **transmitted** digitally, to one or more destinations simultaneously, via a dial-up isdn line at a speed of up to 3.5 mb per minute.

4-Sight will also announce a new system for managing **printing** and **images**, called 4-Sight OPI. It can run with up to 16 output devices and control the flow of jobs. The system has been adopted by Linotype-Hell,

where it is marketed under the name LinoPrint.

Also in the booth will be the QuickProof remote proofing system. Running in Nubus and pci-based Macintoshes via an isdn communications card, it enables designers and clients to view and update projects concurrently. With 4-Sight ISDN Manager installed at an agency and client sites, a document can be simultaneously edited by both parties using an isdn line for high-speed communications.

Fractal Design1701

Fractal Design will highlight Painter version 4, its natural media paint and image-editing application. New features include additional color-correction tools, a mask edit mode, importing of Illustrator 5 files, the ability to create image maps for use on the Web, frame-by-frame animation, a mosaic brush and a floating drawing layer that creates vector objects that can be made semitransparent or converted to bitmap floaters.

Frame Technology925

Frame will demonstrate FrameMaker+SGML, an integrated authoring tool enabling users to create, edit and publish structured and sgml documents in a wysiwyg environment. Succeeding Frame's FrameBuilder and Sgml Toolkit, it is a combination of page composition, text editing, graphics, interactive structure validation, and sgml support in one environment. More than 30 features have been added, including support for native sgml and sgml attributes, structured table handling, hierarchical style definitions and a reengineered filter architecture that provides consistent text and graphics import and export capabilities across all platforms.

It runs on Unix, Macintosh and pc workstations.

Fuji Photo Film2701

Fuji, which will focus its attention on the IGAS show in its home country right before the Seybold show, is expected to demonstrate only the Fujix Pictography 3000 color recorder with 48 mb of frame memory. We don't expect to see some of the other items that were previewed at Drupa.

Gannett Media Technologies645

See Hot Picks for a preview of the Gannett demonstration of Digital Collections' multimedia management facilities.

GCC Technologies2737

GCC will show its new Elite XL large-format laser printers, including the 608, 616, 808 and 1208.

Gecap2514

Gecap GmbH of Munich, Germany, localizes software, documentation and marketing materials for multilingual applications. It is ISO 9000 approved, and it develops its own tools. Its core localization capabilities now cover Eastern European and the major Western European languages. It does extensive software validation testing (including development of test scripts) and multimedia localization, including studio recordings.

Gecap has joined forces with IPC, the software services division of Journal Communications Inc., to broaden its range of services.

Gerber Systems2201

Gerber Systems, which just had its best platesetter sales month ever, will show its full line, including the Crescent/42, which images on aluminum plates, polyester plates or film up to 32.sup.2 x42.sup.2. It will be integrated with a Rampage rip and a Harlequin rip running on a DEC Alpha workstation with symmetric multiprocessing.

Grafix-Lab Software and Systems4113

Grafix-Lab will feature the Canvas Megaprint rip and paneling software that runs on Silicon Graphics workstations and drives large-format electrostatic and ink-jet printers (see SRPS, Vol. 24, No. 21). Also shown will be ArtDecor, an SGI-based image-processing application for special color spaces and electronic proof simulation.

Grande Vitesse Systems2243

Grand Junction Networks, which specializes in 10-mbps Ethernet and 100Base-T Fast Ethernet technologies, will show its line of Ethernet workgroup switches called FastSwitch. The 200 includes two new workgroup switches, the 2100 and the 2800, each with 25 switched 10-mbps Ethernet ports and a minimum of two high-speed ports. Both support multiple Mac addresses on every port. The 2100 has two 100Base-TX ports for server and

backbone connectivity, while the 2800 has two high-speed expansion slots for FastMate 100Base-T, fddi and, in the future, atm plug-in modules.

Also on display will be the FastSwitch 10/100 desktop switch.

Gretag Color Control2639

Along with its line of spectrophotometers, Gretag will show a new color-management system it previewed at Drupa. It was developed by a German company called Logo, which calls it ProfileMaker.

Colornet, as it will be called as of the San Francisco show, is a new technology developed to capture and control color from its origin to the final product. It uses Gretag's new Spectrolino spectrophotometer and Spectroscan software (profile calculator), which translates color data into ICC and ColorSync profiles for cross-platform color integrity.

Group Logic3434

Group Logic will show ImageExpo, its Macintosh telecommunications software for remote soft proofing, annotation and file transfer. It allows users in different locations to exchange annotated electronic documents via modem, isdn, AppleTalk and tcp/ip. It provides up to five annotation layers on which conference participants can type or doodle (see Vol. 2, No. 8).

The system is compatible with Xpress, Photoshop, Illustrator, PageMaker, FreeHand, tiff, eps, Scitex ct, Photo CD and Acrobat pdf file formats.

Group Logic's efforts will be evident elsewhere at the show, including at Pacific Bell, where Imageexpo 1.2 remote viewing and annotation software will be used, and in the Adobe booth, where Group Logic's telecommunications technology helped design Adobe Virtual Network.

Harlequin401

Harlequin will highlight WebMaker version 2.0, its FrameMaker-to-html converter. It converts multipage FrameMaker documents and books to html, complete with graphics, tables and equations. It takes advantage of FrameMaker's formatting and layout features by allowing the user to define specialized layout styles for the World Wide Web .

In release 2.0, Harlequin has expanded the basic functionality to support Unix, Windows and Macintosh platforms. It also includes a variety of features designed to simplify operation and make the conversion process as easy and effective as possible. Among the key features are a library of predefined layout styles, custom conversion templates, automatic hyperlink generation and batch processing capabilities ensuring that changes in a master document are automatically mirrored on the relevant Web pages.

Harlequin's Color Management System (HCMS) will have its U.S. launch after a debut at Drupa (see SRPS, Vol. 24, No. 21). HCMS and ScriptWorks enable a user to get a contract proof off of a digital color printer and to be assured of accurate color from the platesetter or digital press.

Harlequin will also show a pci version of its Harpoon Screening Accelerator System.

ScriptWorks will be shown running on Windows 95, pci-based Power Mac, PowerPC and DEC Alpha platforms. A new feature is the ability of oems and third parties to write PostScript code to add custom features, which is enabled by the Intercepted Display List Object Manager.

Heidelberg 537

Heidelberg won't try to match its phenomenal Drupa success, but it will have a booth and make presentations on its key products, including the new QuickMaster DI, which images plates directly on the press. There won't be any equipment in the booth, however.

Helios Software3509

Helios will unveil a Quark Xtension that enables Xpress to exploit the color-management routines of ColorSync 2.0. Tiff images in Xpress can be tagged with scanner profiles representing the color characteristics of the input device. The Xtension then automatically matches colors to the computer screen and output devices, including proofers. The Xtension also makes it possible to leave photos in their original rgb format because the Xtension performs separations and color matching on output. Device profiles can be stored on a local Macintosh or on a server and need not be restricted to a single folder.

In addition, Helios will introduce Ethershare opi 2.0, which contains

the same Linotype-Hell color-matching routines as those in ColorSync 2.0 and the Quark Xtension.

New, too, will be Helios Ethershare 2.2 and PCShare 2.0. Ethershare and PCShare now support the Alpha Digital Unix and PowerPC aix 4 platforms. They include a new, flexible extension architecture, which allows Helios and third parties to enhance the functionality in a modular fashion and at various levels.

B&E Software will show its Ragtime version 4 application in the Helios booth. It combines integrated layout features with drawing capabilities, a sophisticated word processor, two- and three-dimensional business graphics and a spreadsheet. It supports importing of pictures and sounds.

Hewlett-Packard3939

See Hot Picks for a preview of HP's new competitor in the large-format, ink-jet color output arena (and photo, p. 18).

Home Pages3439

Home Pages provides a wide variety of World Wide Web authoring and site development services, and is the creator of the World Wide Yellow Pages. Its demonstrations will include examples of 3d virtual reality Web sites.

In addition, Home Pages is designing the vrmf 3d trade-show exhibit for Seybold San Francisco.

Honeybee Software2338

Honeybee Software will show its Job Central job-tracking application designed for the graphic arts market. It allows the user to create a budget or estimate, prepare a work schedule, print proposals, track time sheets, enter purchase and insertion orders, calculate billable amounts, create invoices and review transactions for profitability. It is in use at McGraw-Hill, Random House, Leo Burnett, Regis McKenna and NFL Productions.

Honeybee will also show Fourth Power Service 3.5, a job-management system that includes many of the same features as Job Central, but adds a full accounting system for creative service firms or departments.

Howtek933

Howtek will demonstrate a new scanning application, called Polaris, which was designed to support the Scanmaster 4500 desktop drum scanner and the Scanmaster 2500 flatbed scanner. It enables batch scanning while preparing new images to be scanned. With the 4500, batch scanning can include different types of originals. With the 2500, they must be the same.

Other features include on-the-fly sharpening, open support for third-party color management software and controls over scanning color negatives.

Also to be demonstrated is an updated version of the Aurora scanning application for the Scanmaster 7500 and 4500 (see photo at right). New features include dynamic batch scanning as outlined for Polaris, color-negative and black-separation control, and automatic focusing and defocusing. In addition, Aurora for the 7500 includes selective color editing and color-management software (see SRPS, Vol. 24, No. 21).

HSC Software1625

HSC Software will introduce Kai's Power Tools 3.0. It includes two new interface extensions. Spheroid Designer (see photo on next page) creates a multi-luminated sphere with varying colored light sources, including positive and negative light, and provides control over bump-mapping and apply modes.

Interform mathematically interpolates between two textures generated by the Texture Explorer. It also provides still or animated output.

Also new is a lens effect that can be dragged over an image for testing before application. Other changes include significant speed improvements, larger preview windows, graphical presets and compatibility with Adobe Premiere.

Other products to be demonstrated include KPT Vector Effects, plug-in extensions that give FreeHand and Illustrator new design functions; KPT Convolver, a plug-in application that gives instant access to custom filter operations; KPT Bryce, which generates 3d landscapes; the Live Picture 2.0 image-editing software; and KPT Power Photos I and II, collections of

high-resolution images on cd-roms.

Hybinette3441

Hybinette will show its new Alpha Station FX graphics server based on a Digital Equipment Alpha XP and Alpha Servers 220/275/1150.

The Alpha Station FX is a 3d workstation running nt with a 275-mhz Alpha AXP cpu. It features an OpenGL video accelerator, 100Base-T or atm networking and optional raid storage.

The Alpha Server series offers more than 1,000 mhz of cpu power. Optional opi/apr capabilities are also available.

HyWay2830

HyWay will demonstrate the rip and opi server products it recently acquired from Hyphen, with new user interfaces. They will be demonstrated running on Solaris 2.x, nt and Power Macintosh platforms.

Also in the booth, Visual Business Systems, an associate company of HyWay within the Ferranti Group, will show its Poster Master software for the Macintosh. Poster Master supports PostScript Level 2 and drives large-format color printers. It will be driving HP's new DesignJet 750.

HyWay also will introduce a trapping application, the details of which were not available.

IBM1925

IBM, whose booth will be in the hands of the PowerPC operation based in Austin, TX, will show the IBM Sensory Suite, a set of application building blocks included with the IBM Personal Computer Power Series and ThinkPad Power Series super clients. These software enablers perform dsp functions like sound and graphics, as well as other sensory functions, such as speech recognition, without requiring expensive add-in hardware.

Built on these application enablers, the IBM Human-Centered Experience augments traditional guis by integrating speech navigation and dictation, intelligent agents and an open architecture, which will allow companies to develop their own Human-Centered systems for the Power Series platform.

IBM's digital press won't be exhibited.

ICG943

See Hot Picks for a discussion and diagram of the Titan 582 computer-to-plate system.

Besides the Titan 582 combination platesetter (see SRPS, Vol. 24, No. 20) introduced at Drupa, ICG will show the Callisto 308i desktop drum scanner (see SRPS, Vol. 24, No. 21). The 308i scanner, also unveiled at Drupa, is a 10.sup.2 x12.sup.2 -format desktop unit featuring a reproduction range of 20% to 2,000% and a maximum resolution of 4,000 dpi. It scans transmissive, reflective and color negative originals.

Imacon3531

Imacon, from Denmark, will unveil a new ccd scanner that scans transparencies from 35mm to 4.sup.2 x5.sup.2 and reflective originals up to 8.5.sup.2 x12.sup.2 . It features a film holder that eliminates tape, glass and gel. Furthermore, it shortens mounting time to five seconds. The scanner also employs Imacon's analog-to- **digital** conversion technology.

Image Technologies Developments3343

Image Technologies, which we covered at Drupa (see SRPS, Vol. 24, No. 21), will demonstrate its Wisp-PS software and WarpSpeed (now called HotSpur) Pentium-based controllers, which now run under nt. The company's controllers drive more than 50 color graphics devices with a common user interface. All of the company's rips now accept separated PostScript files and produce composite full-color output.

Indigo1125

See Hot Picks for coverage of the E-Print digital press.

Besides showing its E-Print 1000 digital press, Indigo will be talking about some other hot items shown at Drupa: its new Omnius One-Shot Color press for label, packaging and decorative printing; the Mobius Publisher for publishing applications; and the Cannery press, which prints on beverage cans.

InfoAccess2615

InfoAccess will demonstrate its new product, Html Transit, which can automatically generate html documents from standard word processing files. It works with existing documents and doesn't require manual tagging of the

html markup language. Features include automatic generation of hypertext-linked tables of contents and indexes, automatic placement of hypertext-linked icons, automatic insertion of graphics, and automatic generation of html tags based on existing file structure.

Html Transit also includes features that improve **Internet** response, such as optionally displaying graphics as thumbnails or "see graphic" hyperlinks, and splitting large documents into smaller html files.

Information Dimensions3543

See Addendum, to be available in the Seybold booth.

Information Presentation Technology 4431

Information Presentation Technology provides server-based and peer-to-peer networking and printqueue management, print spooling and opi functions. Its product, UShare, allows Unix workstations to function as AppleShare servers. Canopi, IPT's new opi server, includes the UShare module, the UPrint print spooler and the Print Queue Manager.

IPT also provides the LessTalk and TurboTalk network acceleration and optimization products to reduce network traffic and accelerate transfer speeds over LocalTalk networks.

Infosafe Systems4219

Infosafe Systems, which developed the technology behind ITC's Design Palette (see Vol. 2, No. 8, and Vol. 3, No. 4), is now its sole owner. It will show the product, which is a point-of-purchase system that provides pay-per-use access to a library of cd-roms containing photographic images, type and other graphic products from more than 25 vendors.

Infosafe has eliminated the monthly purchase minimum that had been charged. Now, for \$39 a month, the end user receives the 43-set cd-rom library, the unit that encrypts and releases purchased products, and the menu-driven system software. After that, the user pays only for what is used. Searching, previewing and comparing products are free.

Infrastructures for Information3712

See Hot Picks for information about this sgml system.

Integrated Software1445

Integrated Software will show Retail Advantage, a new software application for automating the production of retail ads, circulars, in-store signage and catalogs. It handles last-minute changes to prices, text and items; produces multiple-price and multiple-language versions of the same ad for different markets; and creates ads for multiple markets, with item substitutions across markets.

Moreover, retail Advantage provides sales analysis for products and pricing; ad space analysis of circulars, catalogs and rop ads; analysis of the effectiveness of advertising strategies; and various other reports of activity.

The system consists of databases for Xpress templates, images, text, prices (with multiple prices or versions for particular requirements), advertising information and store layout.

Integrated Software also will exhibit Product DB, its database for managing merchandising and production systems; Catalog Maker, which creates a link between Xpress layouts and external files so data can be updated; Copy DB, a database designed to store, manage and preview product descriptions for catalogs and circulars; Image DB, which organizes images using user-customizable naming conventions; and Sign Maker, which consists of a product database and an Xtension to Xpress.

Iomega2716

Iomega will demonstrate its 100-mb Zip and 1-gb Jaz removable storage devices. The Jaz is a 12ms, Fast scsi-ii, 5,400-rpm removable Winchester cartridge drive.

Also on display will be 2- and 4-gb Jaz disk arrays by ProMax Technology.

IPT Computers4206

IPT Computers will introduce the Pro Studio2000 graphics workstation for high-end digital graphics capture, processing and output. In development for three years, it is a customized workstation designed to capture, transfer, process, manipulate, output and archive professional-quality **digital images**.

It comes packaged with a Nikon E-2 **digital** camera and a 24-bit, 600-dpi (interpolated to 2,600 dpi), 11.sup.2 x17.sup.2 film or line-art scanner. It also captures, saves, previews and color balances video images.

The hardware includes dual DX4-S, 100-mhz IPT Computers. Picture Manager software provides a range of features to streamline system management.

IPT also will introduce its System 970 for high-end digital graphics capture, processing and output. Powered by a 100-mhz '486 DX4-S, it features a video-capture subsystem and file-management capabilities.

Jouve Software3145

Jouve will show its GTI Pub-Maker and Pub-User for creating electronic documents with sgml (see Vol. 3, No. 7).

Kodak1913

See Hot Picks for coverage of Kodak's digital proofing and dry film used in imagesetting.

Besides three new products in the area of digital proofing and its new chemical-free imagesetter film, Kodak will focus on how its products can improve productivity in a series of related workflows, including a digital photography studio, a creative design operation and a graphic arts trade shop. Among them will be ColorEdge digital color copier-printers.

Kodak also will show its Precision 2000 Imagesetting QC tool for optimizing imagesetter output. It verifies linearity for monitoring calibration and ensuring that process variations are detected and corrected. Built-in linearization and automatic record-keeping features help track calibration conditions.

Komori3140

See Hot Picks for a preview of the Printroom 2000, with its PTP 80 computer-to-plate imager.

Konica Imaging USA2643

Konica will feature the ECRM VRL 45 imagesetter, the ECRM KnockOut 4550, the ScanView 5000 scanner and the Konsensus 570 color proofing system and processors from Konica.

KyTek444

KyTek will introduce Autopage Personal Edition, an automated, scaled-down page layout package for Xpress. This new product brings many of the features found in the company's Autopage to a \$945 product. For example, it automatically places footnotes, illustrations, tables, sidenotes and side art, in addition to breaking and balancing pages of text.

The user has control over how vertical space is adjusted on pages, how the depth of consecutive spreads is varied and whether paragraph tracking can be used to make better page breaks.

KyTek also will show a new release of Autopage. Autopage 4.1 includes both new functionality and enhanced productivity.

LaserMaster2125

LaserMaster will demonstrate its ColorMark Pro 1000 Print Server, a high-speed PostScript rip that drives multiple output devices. Also new is the DisplayMaker Express, a fast, wide-format ink-jet **printer** unveiled at Drupa. It prints at 307 dpi on material up to 54.sup.2 wide at a speed of 330 sq.in./min.

LaserMaster also will show its PressMate chemical-free imagesetter, first shown at Seybold San Francisco '94. The system includes a plain-paper **printer** and a film-based **imager**, which uses a heat process to image alternately on monochrome imagesetting film and thermal-transfer color material.

LDR525

LDR will host a new digital printing system for short-run color applications. It was developed by T/R Systems and is called the MicroPress (see T/R Systems for details).

LDR also will demonstrate a new workflow management program, LDR Synergy, a software job jacket and supporting infrastructure that catalogs, tracks and controls every element of a job while recording costs and efficiency. Order entry and scheduling systems allow users to enter orders from a customer site. A thumbnail histogram shows everything about the

latest revisions of each element in a job, with up to six thumbnail representations of each element.

The system features automatic time tickets, performance evaluations and archiving.

Also present will be LDR's Intelliserv opi system based on a 175-mhz SGI Challenge server. It provides high-speed transmission, storage and retrieval of graphic elements, composed pages and complete documents.

Light Source Computer Images2825

Light Source will display its Colortron II color-control system with its ColorSync 2.0-compatible ColorShop software. ColorShop provides increased capabilities for Photoshop, PageMaker and Fractal Painter. It features a Profile Viewer that makes it possible to see on the screen the color a **printer** will print and to view Photoshop separation tables.

Light Source will also show a ColorShop productivity add-on application, including a Hexachrome densitometry tool for measuring densities of Hexachrome colors -- cyan, yellow, magenta, black, orange and green. Third-party connectivity will also be highlighted, including products from Adobe, Pantone, Linotype-Hell and Barco.

Linotype-Hell1901

See Hot Picks for news about a new rip strategy, chemical-free film and a robotic Topoaz ccd scanner.

Linotype-Hell will introduce four new products, three of which are covered under Hot Picks. (See SRPS, Vol. 25, No. 2, for a full story on all of the new products.)

Linotype-Hell will show LinoColor 4 with open ICC profile generation for input and output. Also in the booth will be a Helios Quark Xtension that allows Xpress to work in an icc-color-compliant mode. (See Helios for more details.)

The Saphir, Linotype-Hell's entry-level scanner, will be displayed, too; it combines a Umax ccd flatbed scanner with Linotype-Hell's Color Assistant software. Running in the Mac and Power Macintosh, it is compatible with ColorSync 2.0 (see SRPS, Vol. 24, No. 21).

Macromedia2809

See Addendum, to be available in the Seybold booth.

Management Graphics3731

Management Graphics will announce support for multiple color output devices with a single Jet Stream Color Image Server. Supported devices include Canon CLC models, the Xerox Majestik and 5775, the Kodak ColorEdge, the Xerox 8900 Series, the Encad NovaJet III and Management Graphics' own Solitaire, Sapphire and Opal digital film recorders.

Managing Editor Software1001

Managing Editor will focus on its Ad Layout System 2.0 and Classified Layout System. It also will exhibit its Rules Xtension with a new interface, as well as provide a sneak peek at a new Quark Xtension and possibly another new product.

Marcus Technology413

Marcus Technology will demonstrate Archive Management software and an opi system for use with cd-rom jukeboxes. Archive Management allows users to track unique cd names, monitor disk capacity and organize cd contents while mastering a cd. The software also allows tracking data that is offline.

Opi interface software supports automatic updates of InterSep image databases so that InterSep knows that images have been moved from the hard disk to the jukebox.

Marcus will feature a 330-gb Enterprise cd-rom jukebox for mountable archive storage. It can house up to 500 cds and up to four cd readers. The system supports connecting multiple jukeboxes to the server for even greater capacity.

Markzware443a

Markzware will demonstrate FlightCheck, its stand-alone preflight application that runs with applications such as Xpress and PageMaker. To alert the user of any potential **printing** problems, it scans a document's elements (colors, fonts, **images**, trapping, and so forth) and displays or **prints** the results.

Mega Drive Systems1212

Mega Drive System will highlight its Enterprise Dual-Channel E-8 (eight-slot) and Enterprise E-2 (two-slot) storage systems, offering 4.2-gb to 36-gb removable striped arrays, and the MX/500t raid disk arrays, with up to 2 terabytes of capacity, all designed for high-end video and prepress applications.

Meta Communications3342

Meta Communications will highlight its Job Manager job tracking, scheduling, recording, reviewing and invoicing program for the Macintosh. The newest release, version 1.3, includes support for the Power Mac and features faster response. Another improvement is the Electronic Window for creating custom forms and windows to generate custom job tickets.

MicroNet Technology2117

MicroNet will highlight its DataDock data-transport system, introduced in Boston, which is now available with dat, Syquest and magneto-optical removable media modules as well as hard disks. Also present will be the Raven Pro pci single- and dual-channel accelerator cards for Power Macintosh pci computers and the enhanced Raidbank line of fault-tolerant disk array systems.

Microsoft733

See Hot Picks for a description of the introduction of Black-bird, Microsoft's authoring tool for its Microsoft Network.

Although we highlighted Blackbird as a key item to see, Microsoft is using the show to promote its Windows 95 and Windows nt operating systems, with nt playing key roles both in workstation and server environments. The booth will be networked to show a variety of products using nt, including Adobe Color Central on an nt server and a ColorAge rip driving digital color copier-printers.

The focus for Windows 95 will be on mainstream products that run on it. Among them will be PageMaker, Photoshop, FreeHand, Extreme 3d, Corel Draw, Microsoft Publisher (which will be shown in a new version with added functionality) and Word for Windows 95, which will illustrate tight integration with the operating system.

Microstar Software408

Microstar will show its structured authoring product for Word 6.0, Near & Far Author, which enables creating sgml documents and other structured documents in either a fully or partially guided manner (see Vol. 3, No. 8).

Miles 33701

Miles 33 will feature its new Pianzhang 2.0 desktop software for automating pagination of long documents in Xpress. It provides advanced multicolumn pagination with straddle heads, enhanced picture placement controls, multilevel footnotes with splitting and deferral options, multilevel indexes, unlimited user-defined extraction levels and a 400% speed improvement. A key addition is a fitting algorithm that automatically tracks text to gain or lose a line to aid in pagination.

Release 2.0 is available for Mac, Power Mac and Windows platforms, priced at \$895.

Also shown will be Genera, a suite of software modules running in a Sun Unix environment. It enables sgml users to take data from a host source, reorder and sort the data, and translate, hyphenate, justify, paginate and output the job.

A wide range of hyphenation modules are available, including those for European countries. Justification options include hanging punctuation and ligature support. The pagination routine automatically extracts information from the text to create and paginate indexes. Paginated jobs may be viewed in Display PostScript and edited prior to output.

Finally, Miles will show its Oasys System 400 supporting multilevel math, complex tabular composition, graphics, color, directory and database publishing, sorting and indexing.

Millstar Electronic Publishing Group742

Millstar helps publishers move to electronic distribution of documents, among other services. Its clients include producers of large directories, catalogs and databases, where data and images are distributed

in an electronic format, typically on cd-rom and over the **Internet** .

Minolta3142

Minolta will feature the RD-175 digital camera, which incorporates a Minolta Maxxum 400si camera with computer-controlled autofocus and autoexposure. It features a trilinear ccd with 380,000 pixels per ccd. Images are stored on a removable 131-mb pcmcia card storing up to 110 images, which can be accessed using a Photoshop plug-in for Macintosh or Windows workstations.

Another new item is the QuickScan 35 single-pass, 35mm slide and negative scanner that features 2,800-dpi resolution, a density range of 3.0 and a color depth of 30 bits -- an obvious competitor to the Nikon Coolscan.

The QuickScan has an edge over the Coolscan in speed, performing a 2,800-dpi scan in less than 60 seconds on a Power Mac 8100. It costs less than \$2,000.

Minolta also will show the CF80 Plus digital copier- **printer** , which features its Q-Script 3000 controller and prints up to 11.sup.2 x17.sup.2 at 400 dpi.

Miramar Systems2042

Miramar Systems will show the latest version of its Personal MacLan Connect software for peer-to-peer, cross-platform file sharing. Version 5 features Windows AppleShare client software, which enables pcs to mount local Macintosh drives as a logical drive letter. The client will permit Windows users to log in to Mac servers and Mac users to mount local Windows drives on their desktops.

Monet2411

Monet, which offers telecommunications and image management and storage services, will demonstrate new features aimed at convenience, cost savings, faster transmission, and generation of remote comps for proofing. for example, it is now possible to transfer both an Xpress file and high-resolution color images and have them arrive at the service provider at the same time.

Monet's browsing software is now available for browsing on isdn lines, offering two to four times the previous speed for downloading files.

Monotype Typography419

Monotype Typography will highlight version 5 of its 2-cd set featuring more than 4,000 Type 1 fonts (600 new releases), 138 software programs (such as Quark Xtensions, Photoshop plug-ins and PageMaker Additions) and more than 2,000 clip-art images.

The list price of \$50 includes 8 Monotype Classic Fonts.

MountainGate Data Systems3719

MountainGate will introduce the Renegade raid system for maintaining data security in graphics, prepress, audio and video editing and general business environments. It offers up to 42 gb of storage and features hot, swappable, redundant power supplies, fans and drives, plus fast and wide scsi-ii support.

Multi-Ad Services2725

Along with its regular products, Multi-Ad will highlight its AutoExport and AutoAd utilities to expedite the creation and exportation of Creator ads into pagination systems.

NaviSoft3317

NaviSoft, an America Online company, is offering a new service, called NaviService, to help companies establish **Web** sites in a commercial environment. Showcasing NaviSoft's NaviPress and NaviServer client-server software, it provides site management and remote authoring capabilities that enable companies to manage and update information on the **Web** from multiple locations.

It supports creation of text links, sound, graphics, forms and other html-based applications. NaviSoft supplies templates to speed the process of designing and creating **Web** applications. It also enables developers to create customized **Web** applications remotely using NaviServer's api and scripting languages or C programs. NaviService is available in four service levels: home page, domain, commercial and dedicated.

Navisoft also will show the released version of its NaviPress and

NaviServer (see Vol. 3, No. 8). NaviPress, the client, is an integrated wysiwyg authoring and browsing tool that enables users to create and edit **Web** applications and presentations without typing html tags or urls. NaviServer incorporates a database-management system and provides remote authoring, content database management, access control in several levels and account management.

NewGen Systems317

NewGen will display its ChromaxPro Color Proofing System based on the Minolta dye-sublimation **printer**. It uses NewGen's proprietary color-management system, ChroMatch, which is embedded in the Level 2 rip. It can be set to simulate either the 3M Matchprint or Fuji ColorArt from the control panel. Support for other analog systems, such as Chromalin and Watermark, will be added.

Among its capabilities are **printing** raster **images** from Photoshop, **printing** dcs files directly from Xpress and proofing trapping information from any application that supports separations.

It produces 300-dpi, continuous-tone proofs at sizes from letter or A4 to oversized and full-bleed B or A3.

Nikon4013

Nikon will show its Super Coolscan LS-1000 35mm film scanner, its LS-4500 multifformat scanner, its AX-1200 Scantouch Flatbed Scanner, its NP-10 Coolprint digital color **printer** and its E2 digital still camera (see SRPS, Vol. 25, No. 1).

NoRad4544

NoRad, a first time exhibitor at a Seybold event, will demonstrate its newest product, the JitterBox, which eliminates screen image jitter, waviness, distortion and loss of color integrity on monitors and video displays.

The JitterBox attracts and absorbs extremely low-frequency (elf) magnetic fields. Using a color monitor, NoRad will show how image jitter and color loss are induced and affected by magnetic-field strength and direction.

Novell2135

Novell will demonstrate an enhanced version of WordPerfect **Internet** Publisher for Windows, a free add-on to WordPerfect 6.1 that allows users to create and view documents on the **Internet** without having to learn html. New features include support for simple tables, the ability to print previews and a more wysiwyg authoring environment. Netscape Navigator 1.1 is bundled with the product.

Also at the show will be Envoy 1.0a for Windows and Macintosh and WordPerfect 6.1 for Windows, Sgml Edition. Envoy allows users to exchange portable electronic documents across different computers and operating systems without having to rely on the application or fonts used to create the file. (See SRDP, Vol. 9, No. 5.) Envoy Viewer is now available free.

Ntergaid1443

Ntergaid will show HyperWriter 4.2 Professional, an electronic publishing toolkit for producing cd-roms and **Internet Web** sites (see SRPS, Vol. 21, No. 19). Among the standard features are full-text searching, automatic hypertext linking, a screen designer, multimedia object support, a table editor and runtime versions for dos and Windows.

Nth Degree Software4019

Nth Degree will demonstrate its ad and editorial dummyming system for magazines (see photo, above right).

Called Proteus, it runs on a Power Macintosh and is designed to help production managers determine ad placement, and prepare signature and press configurations for each issue of a publication. Proteus, which has its own built-in cost-tracking database, interfaces to several ad-booking systems.

Nth Degree plans an interface to Xpress and QPS for importing editorial story geometry. The product, which costs \$4,000, is aimed at magazine publishers seeking to reduce their dummyming times, monitor press costs during layout and avoid make-goods due to errors in ad placement.

Olympus Image Systems3711

Olympus will exhibit its line of magneto-optical storage devices, a jukebox and a cd-recorder. Included will be the new PowerMO 230MO, the

Deltis 1300 5.25.sup.2 MO, the Deltis CD-R2 2x cd recorder for Macintosh and Windows, and the 13-gb Deltis OLS-10 jukebox.

Onyx Graphics/Raster Graphics3411

Raster Graphics and Onyx Graphics recently merged and will share the booth. However, it is doubtful that they will have anything new ready to show.

Open Text2143

Open Text will demonstrate the integration of Open Text Latitude and Odesta Livelink, which together will create a comprehensive system for finding documents and information, collaboratively developing them and distributing the results electronically.

The system provides dynamic workflow management; library services (versioning and audit trails); a discussion channel for members of a workgroup; full-text retrieval across multiple servers, cd-roms and the **Web**; automatic indexing, the ability to provide access to the object or document library over the **Web** via automatically generated html files; and a visual development environment for extending the system for specific applications.

Open Text will also show Latitude Viewer, an electronic document distribution system (see Vol. 3, No. 8). New in the viewer is the ability to show a hyperlinked view of the structure of an entire document collection, which the user can traverse by clicking.

Optima Technology3431

Optima Technology will highlight its desktop-mounted recordable cd system for the Macintosh -- the Diskovery 650CDR and

CD-R Access. The software mounts the recordable cd on the desktop like a diskette. Users simply drag files to the cd-r disc icon. Additional data can be added at any time until the disc is full.

O'Reilly & Associates4509

O'Reilly & Associates will feature WebSite, which it says is the only World Wide **Web** server currently available for Windows 95. Its Windows 95 features include tabbed dialogs, tree displays and Visual Basic support. Current data from spreadsheets and databases can be incorporated into **Web** documents.

WebSite works on a lan as a workgroup server.

WebSite for Windows 95 requires a '386 or higher; 12 mb of ram; 5 mb of free disk space; and tcp/ip connectivity.

Pacific Bell4030

Pacific Bell will introduce "courier communication" for collaborating on prepress materials. Called FastTrak Imaging Solutions, the product is a high-speed communications system allowing ad agencies, publishers, printers and their clients to collaborate interactively on image and text files.

The system allows up to 16 locations to participate in creative sessions -- reviewing, discussing, revising and seeing changes of comps and proofs in real time.

The system is based on Pacific Bell's FastTrak Switched Multimegabit Data Service (SMDS), which allows dial-up communications at speeds ranging from 56 kilobits per second to 45 megabits per second. The end-to-end system includes adapter cards from Multiaccess Computing and ImagExpo 1.2, remote viewing and annotation software from Group Logic.

Pacific Coast Software4111

Pacific Coast Software provides hosting services and professional tools for interactive catalog publishing on the World Wide **Web**. Its **Web** Commerce Solution includes WebCatalog and WebMerchant modules.

WebCatalog provides a customizable search engine linked to an existing catalog or database, which can be created from any source, including Xpress and FoxPro. Searching WebCatalog returns a custom-formatted list of entries ranked so that exact matches appear at the top of the list and less likely partial matches further down. Entries are returned with integrated graphics and hot links. Advertising can be strategically placed to increase effectiveness.

WebMerchant integrates automated payment, processing and fulfillment, working either in conjunction with WebCatalog or independently. Payment methods include online banking such as NetCash or First Virtual, secure

transmission of credit-card numbers, established accounts, or a hybrid system that links an automated telephone attendant, which receives credit-card numbers, with the WebMerchant server.

Pacific Coast will show its Graphics On Call service for browsing and purchasing stock photography and graphics. It provides access to images on cds marketed by a variety of vendors, eliminating the need to buy many cds to find one or two images.

Also on display will be PhotoBrowser, an image cataloging application capable of importing and cataloging a variety of graphic file formats including QuickTime movies. An "export to html" feature instantly creates a **Web** site of a catalog that includes jpeg or gif thumbnails, formatted html text, and url links between the two.

Palos Software/Vision's Edge345

Vision's Edge, appearing in the Palos Software booth, has two new Quark Xtensions to demonstrate.

Xdream is a multipurpose Xtension with dozens of features to help ease everyday desktop publishing tasks. For example, it converts documents to **printer** 's spreads, creates crop marks and registration targets, creates a grid of Xpress lines, copies text to a new text box trimmed to accommodate the text, alphabetically sort paragraphs, prints the outlines of the items in a document, lists a document's style-sheet attributes, stores and recalls frequently used text strings, and navigates through a document by clicking on a thumbnail representation of the page or spread.

Texttractor extracts text using any filter currently available to Xpress. The text can be limited to blocks with a particular style sheet or imported, for example. The new release of Texttractor offers batch processing to export text from multiple Xpress documents in one step.

Pantone2819

Pantone will show version 1.5 of its ColorDrive palette-management software (see Vol. 3, No. 9), which enables creating custom, calibrated color palettes for use in graphic design applications. The latest version features support for ColorSync 2.0 on the Macintosh, Kodak Image Color Management on the pc under Windows 95, ICC cross-platform color profiles and Pantone's Hexachrome six-color printing system.

Passage Systems4536

Passage Systems, a provider of sgml publishing solutions, will introduce PassageHub, a conversion tool, based on Exoterica's OmniMark, that creates valid sgml in arbitrary dtlds from a variety of word processing formats. (Passage Systems claims its code generator creates an OmniMark filter with tighter, more complete, and more reliable code than the most skilled OmniMark programmer can create.) Passage will also demonstrate its Unix-based document management system, PassagePro, which now has Windows clients and full-text retrieval capabilities based on Fulcrum's Search Server technology.

Using PassagePro, Passage will show how to publish in a variety of media. Word processing files will be converted with PassageHub as follows:

- * To sgml for viewing in DynaText and Panorama.
- * To html for viewing in Netscape, with Fulcrum's SurfBoard tool providing full-text search.
- * To Braille for access by visually impaired users.

Fulcrum Technologies will also be in the Passage booth to demonstrate its SearchServer and SurfBoard tool for full-text retrieval from World Wide **Web** sites. Fulcrum recently acquired a minority interest in Passage Systems, and Passage is now a value-added reseller of the Fulcrum SearchServer text-retrieval engine.

Phase One4306

Phase One, which has been a pioneer in the development of digital cameras, says it will announce a new effort in digital photography that works with all existing photographic equipment, requiring no special lenses, digital shutters or color wheels. No further details were available.

Also in the booth will be the StudioKit scanning camera back for medium-format and 4x5 cameras, which can capture uninterpolated files of up to 25 mb, and the high-resolution version of it, called the PhotoPhase,

which captures up to 102 mb.

PhotoDisc400

See Addendum, to be available in the Seybold booth.

PhotoImaging North America4432

PhotoImaging North America will show its image and text database, which it demonstrated at Nexpo. A client-server system running under Unix, it allows structured and content-based searching of text and image databases. One of its features is to make the archive available on the World Wide **Web**. (See SRPS, Vol. 25, No. 1.)

PhotoScript Group436

See Pisa Systems.

Pindar2834

Pindar will show its Catalog Management System for managing the creation and prepress production of catalogs. The system, which runs on networked Macintoshes, provides tools for coordinating the efforts of the whole catalog team: product managers (i.e., buyers or merchandisers), layout artists and copywriters, plus a system administrator and a graphics librarian. The key software components are 4th Dimension (which provides the repository for all the information) and Xpress (which handles page layout). Among its features are impressive facilities for generating indexes. (See Vol. 3, No. 8.)

Pinnacle Micro437

Pinnacle Micro will feature its Apex 4.6-gb rewritable 5.25.sup.2 optical drive. It utilizes a scsi-ii interface with a raw data-transfer rate of 6 mb/sec., a synchronous sustained rate of 4.5 mb/sec. and a synchronous burst transfer rate as high as 10 mb/sec. The average seek time is 17 milliseconds. It can read and write 2.6-gb ansi standard optical media.

Pinnacle will also show its cd-recordable line of products.

Pisa Systems436

Pisa will demonstrate its new PhotoScript 3000 Direct Connect interface for linking color laser copiers to Mac or pc networks. Working with the Canon CLC 300, 500, 700 and 800 copiers, the PhotoScript 3000 mips-based rip server features 32 mb of ram and a 420-mb hard disk. Versions with additional memory and disk storage are available.

Multiple printers can be connected simultaneously. More than 50 **printer** drivers are supported, including large-format devices from Encad and HP. Also included are fm screening options, color calibration with a densitometer and antialiasing for smoother text output.

The PhotoScript is priced at less than \$10,000, with additional drivers costing \$1,500. The top configuration -- with 128 mb of ram and an 850-mb hard disk -- is priced at \$14,995. Because these prices are much lower than those of a key competitor, the Pisa rip was code-named the Fiery Extinguisher.

PixelCraft2109

PixelCraft will show two additions to its ProImager Series II: the 8100 and the 8200. Both offer increased scanning speed, a greater effective density range and enhanced software for handling images up to 11.sup.2 x17.sup.2. The 8200, in addition, offers a transilluminator for scanning transparent originals up to 8.5.sup.2 x12.sup.2. The 8100 and 8200 feature 32-bit-per-pixel color processing and onboard triple dsps, plus the latest versions of QuickScan and ColorAccess software.

The 8100, due in October for \$11,995 for Windows and the Mac, will replace the original 8000. The 8200 is priced at \$12,995.

Plannet Online3141

Plannet Online provides World Wide **Web** services for the graphic communications industry. Its site on the **Web** lists creative professionals, products, services and events in the field. Keyword searching is supported and information is updated regularly. Plannet Online also features a gallery to showcase artwork, a classified exchange to post and locate jobs and equipment and a forum to discuss industry issues.

A calendar section lists important dates of conferences, speakers and other industry and association events. The News Desk allows professionals to get an overview of industry news articles, with links to original

articles at the publisher's site.

Polaroid325

See Hot Picks for a description of Polaroid's cooperative project developing chemical-free film with Linotype-Hell.

Besides its DryTech imagesetter film, which is being shown in a Linotype-Hell DrySetter imagesetter (see SRPS, Vol. 24, No. 19), Polaroid will also show its Print to Press system using version 1.2 software, which includes an enhanced color palette and new settings for the Polaroid extended range and instant tungsten films. Also in the booth will be Polaroid's line of electronic imaging products.

PowerHouse Software443b

PowerHouse Software will exhibit its PowerMath Xtension for Xpress for creating and editing mathematical equations. A new ascii import filter allows specially encoded ascii text and equations to be imported.

Also shown will be the EasyKeyXT Xtension for the creation and editing of text macros that can be accessed directly from the keyboard inside an Xpress text box. Attributes include horizontal and vertical scaling, baseline deflection, left and right character spacing controls, automatic positioning relative to adjacent characters, font, face, color and shade -- all on a per-character basis.

Praxisoft2044

Praxisoft will show its Color Compass 1.1 Quark Xtension, for use when printing fewer than four colors. Color Compass allows the designer to mix two, three or four spot colors in Xpress and create new colors. This enables the designer to mix any inks (i.e., Pantone colors) that require their own color separations and plates on the press. The Xtension also permits separating and proofing of colors created from combinations of spot colors.

In addition, Praxisoft will show its stand-alone product, Color Compass, which provides two-, three- and four-color blending tools for creating colors on screen. Colors can be defined in percentages of Pantone colors. Or, alternatively, the operator can create a color and get the six closest Pantone colors without using a swatch book. And if the designer doesn't like these colors afterward, there are 99 levels of undo.

The program supports ColorSync.

PrePress Solutions2525

PrePress will highlight its recently introduced PantherPlate series as well as PrePress Main Street, its www site. The PantherPlate series includes the 34P, 36P and 46P, which image polyester plates 13.3.sup.2, 14.2.sup.2 and 18.1.sup.2, respectively, at ten resolutions from 900 dpi to 3,048 dpi. The latter two machines don't have to cut between successive plates, which enhances productivity. (See SRPS, Vol. 24, No. 22.)

Also featured will be PrePress Multiport architecture, the latest in the Panther family of imagesetting systems and Panther opi technology, along with a wide variety of front-end products, such as image-acquisition, image-manipulation, page-makeup and output systems.

PrePress plans to make a few announcements at the show, but no further information was available for release.

Presstek1543

Presstek will highlight its Pearlsetter52 and 74 two-up and four-up "dry" computer-to-plate devices, which were introduced at Drupa. They image on metal or polyester plates at four resolutions between 1,016 and 2,540 dpi. The 52 takes between 4.2 and 10.6 minutes to image its full area. The 74 takes between 5.9 and 14.8 minutes (see SRPS, Vol. 24, No. 15).

They are driven by a PearlServer rip capable of driving two plate imagers.

The chemical-free plates come in two varieties, each offering aluminum and polyester versions: PearlDry, which are used for waterless printing and are rated at 50,000 and 20,000 impressions for the two versions, and PearlWet, 200,000 and 30,000 impressions. PearlDry plates are automatically wiped after exposure. PearlDry aluminum plates use a thermal curing process and contain a peel-off layer.

Pitman will also be exhibiting in the Presstek booth. It is Presstek's U.S. distributor.

Prima International1437

Two divisions of Prima International will display products:

The ColorImage division will show a system for PostScript printing and color management. It features a rip based on a 64-bit IDT Orion 79R400 mips risc controller. Through a partnership with Color Solutions, ColorImage will include a codeveloped version of Color Solutions' ColorBlind software, which profiles and calibrates various input and output devices.

The PDQ Peripherals division will show a portable pc sound system.

Prime Option243

See Vivid Image .

QMS217

QMS will exhibit its latest color laser **printer** , the Magicolor CX, and CrownCopy, a color copier option for both the Magicolor CX and the Magicolor LX. In addition, it will introduce its CrownImage document-imaging software, designed to optimize the management and use of image-rich documents in enterprise environments. CrownImage includes software and utilities that enable efficient and effective input, storage and output of **image** -intensive documents.

The Magicolor CX **prints** 12 monochrome pages per minute and 3-6 color pages per minute at 600x600 dpi. It uses QMS's ColorSmooth screening, a new fm screening implementation, which uses randomly placed microdots to produce bright colors, smoother tones and sharper images. ColorSmooth is claimed to eliminate rosettes, moire patterns and banding.

With the CrownCopy option, the QMS Magicolor CX can also serve as a full-color copier.

Quark909/707

Quark will show the latest versions of Xposure and Immedia (formerly known as Orion), plus Xpress 3.32, which is compatible with Windows 95. It will be available in October. Quark has consolidated its Power Mac and Macintosh versions into a single cd featuring Smart Install, which installs the correct version of Xpress based on the specific Mac configuration.

Radius1409

Radius will display its recently introduced Cinepak Toolkit, a QuickTime compression utility for the Macintosh (see SRDP, Vol. 9, No. 11).

Radius plans to announce the availability of the cmyk Press Ribbon for the Full-Page ProofPositive 3.0 **printer** . It will announce a new set of color-matching profiles for both the Full-Page and the Two-Page printers: the 3M Matchprint 2, DuPont WaterProof, Hoechst Pressmatch, Toyo Ink RPS 64 and perhaps others.

Also on hand will be the PrecisionView 21, PressView21SR and MultiView 21 monitors; the Splash Server series (see Vol. 3, No. 9); Thunder accelerator cards; and the 81/110 Mac os-compatible system.

Rad Unlimited Networking4421

RUN will show version 2.0 of RunShare, its family of network accelerator products (see Vol. 3, No. 9). New features include support for all Nubus and pci/Open Transport Macintoshes. Version 2.0 offers significant speed enhancements. RunShare GSA 2.0, for use with Helios EtherShare, also will be shown.

Ray Dream1643

Ray Dream will show its recently introduced Ray Dream Studio, a fully integrated imaging suite for creating 3d illustrations and animations on the desktop. It integrates four components: Ray Dream Designer 4, Ray Dream Animator, DreamModels and Extensions Portfolio. Compatible with both Windows 95 and Power Macintosh platforms, the product will be shipped in the fall.

Designer 4, the 3d illustration program, incorporates Wizard technology to simplify the process of creating 3d images. It includes more than 500 texture and shader combinations that can be edited with the Shaders Editor, which enables specifying properties in several channels -- color, highlight, shininess, bump, reflection, transparency, refraction and the new glow channel, which makes objects appear to emit light.

Animator is an integrated extension to Designer to create animations. It supports rotoscoping, an advanced animation technique that allows users to insert Microsoft Video (avi) and QuickTime files into their animations.

Movie clips may be used as texture maps, paint shapes on objects, backgrounds or even light gels.

Studio is designed along an extensible, open architecture. Its Extension Portfolio includes additional functions, such as panoramic camera and layered fog, that work in the Ray Dream Studio environment.

Rip-it Computer Technologies3838

Rip-it will display many of the products it introduced at Drupa: the Rip-it 500 64-bit rip series featuring PostScript Level 2 support, HiLine Pro screening (see Vol. 3, Nos. 1 and 3), the Ontarget calibration management system, dot-gain compensation and the Ripcard imagesetter interface. With SeeColor, Rip-it will introduce ColorBox, a \$4,995 rip to drive NovaJet and DesignJet ink-jet printers.

Rip-it also will feature the RasterCard 32-bit pci-based adapter for interfacing pci pcs with imagesetters from Linotype-Hell, Agfa, Ulte and ECRM.

RTI417

RIPs, Technology, Imagesetters has taken a new focus since its formation more than a year ago. Most notably, it is now an oem customer of Harlequin. It will display the latest Harlequin Level 2 software rips with interfaces to Ulte, Linotype-Hell, Agfa and ECRM imagesetters.

RTI also markets Ulte imagesetters as its Intellisat line. The imagers feature widths up to 15.75.sup.2 , imaging speeds up to 26.sup.2 per minute and resolutions up to 3,000 dpi. Prices range from \$20,000 to \$40,000.

ScanView A/S1233

ScanView will feature the ScanMate 11000, an 11,000-dpi, 14-bit scanner; the DotMate 4000 internal-drum two-up imagesetter; and the Carnival 2000 digital camera back for use with Hasselblad cameras. All were introduced at Drupa (see SRPS, Vol. 24, No. 19).

New at the show will be ColorQuartet version 3.3 scanning and color separation software. The highlight-shadow and cast-removal functions have been combined into a single window. Cast can be removed, reduced or introduced by dragging an area on the color wheel until the desired effect is achieved.

An expanded densitometer is available to set reference points for density. The densitometer window indicates the current values in both the rgb, cmyk and lab color models and shows the new values that will result from proposed changes. Alternatively, desired density values can be typed into the window. ColorQuartet automatically finds the lightest and darkest points in an image.

A new masking function has been added to enable the user to identify a color in an image and remove or add it using a slider control. Multiple colors can be manipulated until the desired effect is achieved.

ScenicSoft305

ScenicSoft will show version 2.5 of its Preps imposition software. New features include password protection, support for Xerox Documents on Demand files, support for tiff source files and template marks (Pro and XL versions only), the ability to add multiple blank pages, improved file indexing, and support for binding and finishing options of the DocuTech (see Vol. 3, No. 9).

Scitex1425

Scitex will show the Spontane digital press based on a Scitex rip driving a 400-dpi Fuji Xerox engine. It debuted at Drupa. It prints 20 A3 simplex pages/min. (40 A4 pages/min.) or 7.5 A3 duplex ppm. The front end, which runs on an IBM RS6000, handles variable data and trapping. It will be priced at just below \$200,000.

The Scitex **Internet** System 10 is a turnkey system for starting to publish on the **Internet** . Code-named HomeRun server, it includes a Macintosh server (equipped with 64 mb of ram, two 1-gb disks, a quad-speed cd-rom drive and a dat drive), a home page tailored for the customer's company, 20 Quark Xtensions for use by remote clients, numerous other software packages relating to **Web** access and use (many of which are available free), one year of **Internet** access service, one year of local carrier service, all connections for the **Internet** and the local phone

carrier (connecting over a 56-kilobit line, with a T1 connection available at extra cost), and full training and support. The total cost is \$35,000.

In a Scitex shop, the **Internet** system is viewed as streamlining activity between a shop and its clients. Xpress pages and low-resolution **image** files can be accessed by clients, who can change **photos**, make modifications and **send** the pages back, using hot folders to automate procedures. **Images** and pages are tracked by the shop's Ripro Archiver.

The new workstation, called Blaze 96, is built around a 90-mhz Pentium cpu with 256 mb of memory and 8.6 gb of raid-ready disk space. It offers full connectivity to desktop devices and can be upgraded in the field to the performance level of the Prismax S.

SciNet Span Pro is the next generation of the Macintosh-based SciNet Span Nubus Ethernet board and software. The Pro version runs in native mode in a Power Macintosh and offers additions including hot folders, support for tiff/it and new graphical tools. Its main functions are to translate files and facilitate workflow by moving items to their next process via hot folders.

Also in the booth will be the Smart scanner line, which now features ICC-ColorSync support integrated into CreateLut; a new version of the Catalogic system; Power Mac pci support for Dolev imagesetters; and the Leaf CatchLight and DCB II digital cameras.

Screen (USA)1225

See Hot Picks for a description of Screen's development with Kodak of a chemical-free imagesetter.

Besides the dry-film TE-R1070 imagesetter, Screen will have many other items to feature, including the 20.sup.2 -wide FT-R3050 and the 14.sup.2 -wide FT-R3035 fast capstan recorders (see SRPS, Vol. 24, No. 20), the 4,000-dpi DT-R3075 drum recorder, the 32.sup.2 x42.sup.2 internal-drum PlateRite PI-R1080 computer-to-plate system and the four-page (20.sup.2 x24.6.sup.2) TrueRite TC-P1080 digital contract proofing system. Other products will include the FT-S700 desktop flatbed scanner (see SRPS, Vol. 24, No. 14), the FP-600S dye-sublimation **printer** (see Vol. 3, No. 3), the DC-R1030 film recorder (SRPS, Vol. 24, No. 17) and the DT-S1045AI color drum scanner.

Screen will also highlight its ColorScopePro (see SRPS, Vol. 24, No. 14) and Photomask software (see SRPS, Vol. 24, No. 21) and version 3.1 of TaigaSpace.

SeeColor3537

In its own booth, SeeColor will feature its ColorBox rip with Radiance Spectral Color Matching for HP's new DesignJet 750. NewGen's Chromax **printer** will also be on display. ColorBox is a hardware and software rip for ink-jet printers. It works with either Macs or pcs as a network spooler.

Radiance software is designed as an alternative to conventional color management for ink-jet printers. It made its debut at the Seybold Seminars in Boston earlier this year. (See Vol. 3, No. 9.)

SeeColor will be well represented in other booths:

- * HSC -- NovaJet with a ColorBox rip and Radiance.

- * NewGen -- Vista (an oem version of SeeColor's ink-jet rip for the NovaJet) and NewGen's Chromax dye-sublimation **printer** calibrated with Radiance.

- * DynaLab -- DynaRip (a SeeColor oem rip for Chinese and Japanese fonts) and Radiance for the NovaJet and HP 650C printers.

- * Rip-it -- ColorBox rip with Radiance for the HP DesignJet 650C.

- * Sumner & Taylor -- Radiance calibration for its waterproof ink and paper for ink-jet printers.

- * American InkJet -- Radiance calibration for its inks.

Seiko Instruments USA2801

Seiko will showcase its Professional ColorPoint 2 PSF line, featuring both dye-sublimation and thermal-transfer technology in one print engine. It comes in two sizes: A4 and A3, called Models 4 and 14. (See Vol. 2, No. 2, and Vol. 3, No. 2.)

Selex Systems4007

Selex will show its line of wide-format ink-jet plotters, including

the SR-700 monochrome and SR-900 color models. Both feature 720x360-dpi resolution on standard translucent bond, vellum and double-matte film bonds. (See Vol. 3, No. 3.)

Seybold Publications4207

No trip around the show floor is complete without a stop at the Seybold Publications booth. This year, you can visit us in either of two locations: in booth 4207 in the North Exhibit Hall, and in the corridor outside the North Exhibit Hall. Stop by and pick up the Addendum to this preview.

While you are there, sign up for a free, nine-issue trial subscription to our newest publication, The Seybold Bulletin on Computer Publishing, debuting at the show.

Also considering ordering your copy of our post-show review of Seybold San Francisco, to be contained in a three-part series in our Seybold Special Report. We will also have our Digital Camera Shootout book available.

As always, we will have samples of the most recent issues of our Seybold Report on Publishing Systems and Seybold Report on Desktop Publishing, with some special offers for visitors to our booth.

Our editorial staff will be present, making periodic stops at the booth to meet people and answer questions. If you'd like to stop and chat, please do so. On hand will be our European team of Andrew Tribute and Urban Joner and our U.S. staff of Steve Edwards, Pete Dyson, Mark Walter, George Alexander, Arlene Karsh, Tricia Smith, Dave Gertler, Caren Eliezer, Rosanne Rossello and Christina

Fischer.

Silicon Graphics (SGI)2217

See Hot Picks and p. 2 for the latest in SGI workstations and 3d, which will be featured in a New Technology Lab.

Sinar Bron Imaging4133

Sinar Bron Imaging will display the Leaf CatchLight, the DCB II and the Sinar CapCam, which has been adapted for use with the Leaf camera back. The CapCam (Computer-Aided-Photography Camera) works with both film and digital camera backs.

Sinar Bron has developed proprietary software that interfaces with the camera. Using a 12x magnification video focusing loupe, the software allows the photographer to specify as many as 24 points of focus. The program then provides on-screen instructions on how to adjust the camera to achieve the desired results. It also specifies the optimum shutter opening that will yield the required sharpness at the lowest possible light levels. In addition, it allows the photographer to shoot with the correct dynamic range of the final product in mind, such as transparency vs. print.

SoftPress Systems2712

SoftPress will show its Macintosh page layout application, UniQorn, which is in the final stages of beta testing. It is noted in part for its support for Apple's GX rendering technology, which enables it to support sophisticated typographic features. The current version has a final user interface and greater functionality than when it was last exhibited. Initial deliveries are scheduled for October. (See Vol. 3, No. 4.)

SoftQuad508

SoftQuad will show HotMetal Pro 2.0, which offers an improved user interface and an enhanced feature set. It fully supports html standards, including html 3.0 and the latest Netscape extensions. As well as using less memory and disk space and providing enhanced performance, version 2.0 has a new import filter that automatically imports documents created in other popular document-creation packages -- Word, WordPerfect, etc. -- and converts them into valid html documents.

Other features include new toolbars, an enhanced preview, enhanced url support, context search and replace, a spelling checker, a thesaurus, a dictionary, support for tables, the ability to create forms and in-line graphics display.

Sgml Enabler is a Quark Xtension that enables Xpress to publish sgml documents. It translates information authored in sgml into the formatted styles used in Xpress and permits operators to continue authoring documents

in sgml.

Sonic Solutions1044

Sonic Solutions will demonstrate its MediaNet 1.3 high-speed network optimized for high-end prepress workgroups. A MediaNet card provides a link between Macintosh and Unix platforms. The access speed is 3.7 mb per second. The latest version is pci compatible.

Sony Electronics1401

Sony will exhibit its Spresca cd-recordable drives, a quad-speed cd-rom drive, its new GWM 3000 30.sup.2 monitor and its MultiScan pc with Colorific software.

Spectrecom4512

Spectrecom services, rebuilds and sells Crosfield scanners, split kits and Centurlinks. It also is a dealer for HighWater Designs interfaces, rips and direct-to-plate systems. We aren't sure which of those devices will be exhibited.

However, we were told that Gafford Technologies will appear in the booth to show its SCZE-Share active electronic switch for the scsi bus. It can convert bus types, extend bus length and share devices.

StarNine Technologies4000

In StarNine's booth will be version 1.2 of the WebStar Macintosh **Web** server and ListStar, an e-mail publisher that sponsors mailing lists and provides e-mail services on demand.

Strata3517

Strata will highlight its new 3D XT Xtension for Xpress. Based on Strata's 3d type and vector rendering technology, 3D XT provides 3d modeling and rendering capabilities in Xpress. By marqueeing elements on the Xpress page, users can customize the appearance of characters and vector graphics. Features include the ability to bend and stretch character shapes, as well as to adjust their extrusion profiles for specific bevels and radii. Pict and eps vector graphic files can also be imported and extruded.

Once a 3d type or vector object has been constructed, color surface textures can be applied. A nice camera feature makes it possible to set vanishing points and focal lengths to display any perspective or effect. Rendered objects can be saved in pict, tiff or eps formats.

Other features include rotation of 3d objects on any axis, alpha-channel support, ready-made backgrounds, unlimited light sources, antialiasing controls, built-in reflections for metal surface textures, and fully editable surface and solid texture support with a texture library.

Strata also will announce that its StudioPro will be available for Windows.

Sumner & Taylor4333

Sumner & Taylor, a subsidiary of the huge, 525-year-old Sihl Paper company, has developed a waterproof paper for use in large-format ink-jet printers. It involves a coating applied to the paper that helps to absorb the ink, plus a catalyst in the coating that begins to act after the ink is laid down. When used with Sumner & Taylor's own inks, the new paper is guaranteed to be 100% waterproof, according to Frank Sumner. When used with other commercial inks, its level of waterproofness varies widely, from nearly complete to nearly nonexistent, Sumner said.

To demonstrate how waterproof its new papers and inks can be, Sumner & Taylor will have a large aquarium in its booth in which to dunk output from Encad and HP printers. One **printer** will use Sumner & Taylor ink and the other will use a commercial ink.

Sumner & Taylor also is developing new stocks for use with Iris ink-jet printers. Some of them are waterproof; one is metalized to give it a glitzy look like neon; another has a matte finish that supports true blacks (which can be hard to achieve on conventional paper supplied by Iris, according to Sumner); and another has a glossy finish and is used for photo-like proofing.

Besides being waterproof, Sumner says, these new papers are much more resistant to ultraviolet light, which traditionally has been a problem for outdoor signs. Sumner estimates that the new stocks will last for about 90 days in direct sunlight. In contrast, standard paper in use today generally

lasts about two weeks, according to most industry experts.

Sumner says the new papers are likely to be less expensive than currently available ones.

A couple of other areas Sumner & Taylor is addressing are adhesive-backed vinyl and vinyl transfer, where ink is applied to paper and transferred to vinyl. The Sumner & Taylor booth at the show will use vinyl transfer on its floor, instead of carpet.

Sun Microsystems1419

See Hot Picks for comments on the Java and HotJava programming languages for the **Internet**.

Besides the Java languages, Sun will display its new Netra **Internet** servers. Installable in less than two minutes, they come with preinstalled hardware and software for publishing on the **Internet**.

Sun will feature its suite of network security offerings, including Solstice SunScreen and Solstice Firewall-1; its Storage Array systems; and products from partners Adobe, Electrogig and HSC. The Frame and Adobe Publishing Solution is an all-in-one system running on Netra and other servers. It automates the conversion of documents created in Illustrator, Photoshop and FrameMaker to html text. Photoshop 3.0 for Sun, announced this summer, will be running on a Sun Sparcstation with Kai's Power Tools.

Other vendors will show their software in the booth, including HSC's KPT Convolver, Electrogig's 3dgo, and Gippix 3d image rendering and modeling.

Syquest3725

Syquest will feature its new 3.5.sup.2 EZ135 drive, which offers 13.5-millisecond access time and a sustained data-transfer rate of 2.4 mb per second.

Tangent Color Systems3337

Tangent Color Systems will introduce its Intrepid large-format color reproduction systems based on large-format drum, flatbed and sheet-fed scanners. The largest in the family has an active scan area of 36.sup.2 by variable length. A sheet-fed "E" size Intrepid system will be demonstrated.

Tangent will announce an even larger sheet-fed scanner, to be available by year-end. Scanner resolutions currently range from 300 dpi on the sheet-fed CCS 300-24 SF scanner to 1,000 dpi on the CCS 1000-20 TF drum scanner.

The Intrepid system works with the HP DesignJet 650C, the Encad NovaJet II and III, the Xerox 8900 Series II and the Raster Graphics 436CX.

Technosystems USA3613

Technosystems will show the Chagall image-editing and painting application for the Macintosh. This low-end product (\$299), not a competitor for Photoshop, is aimed at the educational and corporate graphics markets. Low memory requirements allow it to run on slower Macs, such as Performas, with only 4 mb of ram (see SRDP, Vol. 9, No. 1). It features a drag-and-drop interface, floating palettes, a variety of filters (such as sharpen and blur), graduated tints, eight-bit masking, unlimited undo, color replacement, assorted brushes and opacity control.

Tektronix1107

Along with the Phaser 140, 240, 340, 540 Plus, 440, 480X and 300I, Tektronix will demonstrate a new printing technology said to produce near photographic results on a monochrome **printer**. It utilizes four levels of black ink in a specially modified Phaser 340. No further details were available at press time.

3M1635

3M will feature version 4 of its Rainbow Proofing System software in use with a digital camera, adhesive-backed printing materials, the Shira interface to high-end color system (see SSR, Vol. 3, No.9) and a new polyester imagesetter plate material.

Features of Rainbow version 4 include the ability to rasterize and print at the same time, direct rgb proofing from digital cameras, support for up to eight color separations, a user-definable color control scale, support for rotation of jobs and the ability to save rasterized files.

The new plate, called the Onyx RLD/HN, is sensitive to both visible-red laser diodes and helium-neon lasers, making the plates

compatible with a large group of imagesetters. It is rated for more than 25,000 impressions.

Toyo Ink4425

Toyo Ink will show the RPS 64 remote proofing system now being developed. Efforts are under way to increase the compression ratio without losing image quality. It now stands at about 30:1, we were told. It runs as a Quark Xtension, developed first for the Japanese market and now being adapted to English.

T/R Systems525

See Hot Picks and the latest Seybold Report on Publishing Systems for coverage of T/R's new low-cost digital press.

Trumatch1121

Trumatch will show its ColorPrinter Software 4.1 for the Macintosh and Power Mac, which lets users print a ColorPrinter Reference Guide to their own PostScript **printer**. Three new features make it easier for designers to select colors for text, borders and backgrounds. One is an option to print the most saturated color in each of the 50 Trumatch hue families.

A second is a new color picker to let users choose one or more hue families from on-screen representations of Trumatch colors. A third is automatic multi-up layout.

Also new is support for ColorSync 2.0.

In addition, Trumatch will show SwatchPrinter Software 2.0 for Windows, which has the same features as ColorPrinter Software 4.1 and can work with any digital color **printer**.

UFO Systems4424

UFO will present its ColorFlare PostScript rip (see SRPS, Vol. 24, No. 21) with an A3 scanback driving a Xerox Majestik color copier and a NovaJet color ink-jet **printer**.

Ultimate Technographics901

Ultimate will show its Trapeze trapping application and Impress imposition software, both of which were at Drupa (see SRPS, Vol. 24, No. 21). Also on display will be Imposstrip 5.0, which can impose raster pages such as Scitex native pages, and a conversion utility called Biceps for converting color system data to PostScript. Ultimate also will feature its Flight Simulator preflight application for checking PostScript files prior to printing.

Ultre2101

See Addendum, to be available in the Seybold booth.

Umax Technologies3619

Umax will display its full line of flatbed scanners. The highlight will be the Mirage D-16L, the company's first large-format (12.sup.2 x17.sup.2) unit. The single-pass, 30-bit scanner features a dual lens, which allows it to achieve optical resolutions of 400x 800 and 800x1,600 dpi and a dynamic range greater than 3.2. Proprietary software and frame holders allow scanning 32 35mm slides or eight 4.sup.2 x6.sup.2 pictures at once. It scans a 12.sup.2 x17.sup.2 image at 400 dpi in 66.7 seconds.

The scanner comes with Umax's MagicScan software, which features on-the-fly color calibration using Kodak's Color Management Software; direct scanning to cmyk; batch scanning; descreening; auto-exposure controls; three levels of unsharp masking; and controls for negative-to-positive inversion of images, automatic scaling, sharpen and blur filters, and color balancing.

The Mirage will be available for \$6,995.

Varitronic Systems3417

Varitronic Systems will show its Vintage Color printing system, a wide-format color imaging system based on a 300-dpi ink-jet **printer**. It is available in two sizes: 24.sup.2 x26.sup.2 (610x660mm) and 36.sup.2 x48.sup.2 (914x1,219mm). It can be configured on a network or run in stand-alone mode. It is driven by a Pentium pc running Windows and includes color-management software and stochastic screening.

Vermeer Technologies337

See Hot Picks for coverage of Vermeer's FrontPage software for getting onto the **Internet**.

Vertec Solutions1117

Vertec will show new features for its RIPz rip driving large-format printers, Tranzform software for converting pdf files into electronic forms and Versions job-tracking software (see SRPS, Vol. 24, No. 22).

Vicom Multimedia4006

Vicom Multimedia will display an enhanced version of its SmartCatalog, a complete toolkit for producing a cd-rom or online version of an existing paper catalog. The cd can contain sound and video in addition to the text and images from the paper version (see Vol. 3, No. 8). Version 1.3 includes full-text searching with Boolean support.

New at the show will be an entry-level or Kiosk version that accepts still **images** and text, electronically builds and **prints** a purchase **order** for **sending** by fax and provides the same browsing functionality as the full-featured version. Edi and full multimedia facilities are not available in the Kiosk, but data from this version can be migrated to the higher-end system.

Visual Edge Technology4343

Visual Edge will show its new ImagePro Net for managing a network of large-format electrostatic and ink-jet printers. The system supports two rip stations and drives up to two electrostatic or any number of ink-jet printers. The system also supports multiple halftone and contone screening options.

Other features include the EdgeColor Management system for creating custom color curves; EdgeColor Controls for easier color adjustments; QuickRip to speed rip time by 3-5 times for proofing; tiling and paneling tools to custom crop or enlarge images; a color preview of the image before processing; and CustomStamper for merging custom messages and images to rasterized files.

Visu Technologies1542

See Hot Picks for a preview of a Macintosh software product for handling color page assembly.

Besides its page-assembly software, Visu Technologies will demonstrate its Interactive Color Independent Software Separator (ICISS) color computer for the Macintosh, which can create separations for any visible hues. It also offers controls over gamut colors; modifications of gray balance, ucr and gcr; and hue and gamma shifts for printing inks. The user can identify out-of-gamut colors and either modify the color curves or add colors to the color palette.

Vivid Image243

Vivid Image, formerly known as Prime Option, will show its ImageBox PostScript controller (see Vol. 3, No. 9). It works with HP DesignJet and Encad NovaJet wide-format ink-jet printers and is priced at \$8,995. Using a DEC Alpha chip, the ImageBox can rasterize files many times faster than other controllers, the company claims.

Wasatch Computer Technology3902

Wasatch will introduce its PosterMaker software for Windows 95. It provides an interactive preview, sizing and cropping, color rendering control and queue management. The Windows 95 version will rasterize and print PostScript files to virtually any wide-format ink-jet **printer**. It costs \$3,495.

World-Wide Power3307

The World-Wide Power Company will distribute plug-ins, Xtensions, Connections, filters and utilities, using the **Internet** as its marketing tool of choice. It will market extensions for Xpress, Illustrator, Photoshop, PageMaker, Premiere, Acrobat, Frame, VivaPress, Strata and Apple's operating system.

Among the products to be shown are (with the developer's name in parentheses) GalleyOops and Resizer (Sundae Software); PM to QXP import filter and Markztools (Marzware); Vampire PM to QXP importer for Windows and Barcoding software (Azalea); Schawk Roundup, Epilogue and Smart XT (Total Integration); QX Tools and PageTools (Extensis); **Internet** Home Page Authors (Wright Digital); PM Design Set (Bullfrog); Color Compass (Praxisoft); Fractal Terrain (Strata); CSI Socket Set of Illustrator Filters (Cytopia);

SXetchPad (DataStream); TableWorks Plus (Npath); and FormsXT

(DigiComp).

The company is developing a home page for users to get technical support, see demonstrations and access the product catalog online. An electronic bulletin board will allow users to download full, working versions of the products and pay by credit card. In addition, World-Wide Power will be active on CompuServe, AOL and EWorld (see SRDP, Vol. 9, No. 11).

Wright Technologies425

Although it won't have any new products, Wright should have one of the hits of the show with its Wright Design, an inexpensive, full-function image-manipulation tool. It was introduced at the Seybold Seminars in Boston and shown in later form at Drupa, where demonstrations were impressive and well received. We hope to see progress in broadening the functionality beyond image manipulation to encompass drawing and page layout.

Xante341

Xante will show its 1,200x1,200-dpi PlateMaker 8200, which we covered at the Seybold Seminars in March (see Vol. 3, No. 8). Also highlighted will be the 1,800x1,800-dpi LaserPress 1800 Level 2 laser **printer** (see SRDP, Vol. 9, No. 11).

XChange511

As usual, XChange will display a variety of new Xtensions for Xpress from different developers. They include collections of modules from Xtensis and A Lowly Apprentice Production, where we have tried to be brief to save space, although a lot could be said about some of these Xtensions. In this preview, we'll headline the name of the Xtension and follow with the developer's name in parentheses.

* PowerRules (Miles 33). PowerRules provides fast and efficient ruling capabilities for complex pages. One click automatically draws all gutter rules on a page or spread or throughout a document; draws a rule around a box or group of boxes; draws horizontal rules between boxes or groups of boxes; rules off areas within a page; or customizes rule colors, thicknesses and offsets.

* PowerBalance (Miles 33). PowerBalance makes a story fit a text box or a set of linked text boxes (single and multicolumn). It automatically fits text by adjusting user-defined parameters by adjusting space above and below paragraphs, tracking, horizontal spacing and interword spacing.

* QuickPager (CIPE). QuickPager allows you to apply multiple typographic styles simultaneously to groups of text boxes called stories. You can apply styles to stories and adjust the document balance with a click. You can also automatically balance the text in a story by adjusting text-box geometry within user-specified parameters so that there is no overflow or extra space at the bottom of the last column of text. It is also possible to exclude specific columns so that their geometry is not modified.

* StylesPlus (CIPE). StylesPlus permits applying the character attributes of multiple style sheets to individual paragraphs. It operates from a palette that allows you to apply the selected style sheet to an entire paragraph or all the character attributes of the style sheet to just the selected text.

* XText (CIPE). XText allows you to view and evaluate the text contained in a text box or chain of Xpress text boxes. The floating palette indicates the number of characters, words and lines of text. This information can be specified for the visible text in a particular text box or text-box chain, as well as a specific selection of text and text hidden due to overflow.

* Xtract (CIPE). Xtract permits text, images and their information to be exported automatically from Xpress documents. You can independently extract different stories contained in selected documents and associate search attributes (file name, date of publication, etc.) with the archived stories. Xtract also makes it possible to retrieve specific information from published pages based on style-sheet usage, such as photo copyrights, bylines, etc.

* QX-Tools (Extensis). QX-Tools provides Xpress with multiple

customizable toolbars. With QX-Styles, styles can be applied to selected characters, as well as to paragraphs. QX-Filters enables running Photoshop plug-in filters on graphic images within Xpress. QX-Viewer displays thumbnail images of pages and allows you to scroll, zoom and page through a document easily, at any level of magnification up to 900%. QX-Scaler permits resizing multiple objects simultaneously. QX-Dingbats displays graphic representations of character symbols and lets those characters be inserted into a document with a click of the mouse. QX-Layers enables creating layers and assigning objects to those layers. QX-Print enhances printing options by printing nonconsecutive page ranges, printing spot colors as process colors and printing multiple plates in one step. QX-Manager lets the operator specify which Xtensions to load when launching Xpress.

* XPert Tools, Vol. 1 (A Lowly Apprentice Production). This suite consists of Xtensions to load only the needed tools; to scale objects, groups, entire layouts, text attributes, lines, graphics and more; to assign elements to different layers that can be hidden or shown at the click of a mouse; to change the color of text, boxes, pictures, lines, frames or blends quickly; to view the status of any graphic in a document; to select a specific area of a page to output or export as an eps file; to move items from page to page with intelligent cut, copy and paste functions that remember where an element came from and where it's going; to add popup menus to the lower scroll bar of each Xpress document window; to access frequently used applications and files from the Xpress menu bar; to speed into documents, without having to select Document Settings or Xpress Preferences, by making a default choice ahead of time; to release all page elements from any number of nested groups with one command; to display and open Xpress documents in custom sizes and positions; to change Xpress nudge increments to any amount up to one-thousandth-of-a-unit accuracy from a floating palette; to keep unwanted hands from disturbing text by locking the contents of text boxes; and to tell Xpress to quit after a user-designated period of inactivity.

* XPert Tools, Vol. 2 (A Lowly Apprentice Production). This set includes Xtensions to create character-based style sheets for Xpress documents; to link and unlink text boxes; to marquee text anywhere in a layout and apply paragraph or character styles; to create a proxy of pages or spreads so that clicking on any part of the Pilot preview takes you to that part of the document instantly; to turn Xpress into an icon-driven application; to use freely floating rulers to position page elements more accurately; to place unlimited marks (crop, registration, color, etc.) on any page element or group within a layout; to turn a text box into a picture box and vice versa; to keep a minidocument history including the date and computer a document was opened on, saved on, printed on, reverted on and closed on; to add a floating palette that tracks the horizontal and vertical scale and baseline shift of the cursor position or selected text and allows changing attributes from the palette; to modify the Xpress interface and many other parts of the application that up until now were unchangeable; and to greek graphics within Xpress layouts.

* StyleWorks (Media Support & Development). StyleWorks simplifies changing and testing style sheets. With the QuickStyler palette, you have all the style sheets and their contents available for the active document and the style sheets you have in your Xpress preferences. The palette can be shown in five different views, depending on what style-sheet elements you want to work with or apply. You can use the palette to create style sheets, to change their attributes and to apply them to see the results immediately.

* Stylist 2.0 (Patrick Perroud). Stylist 2.0 enables a style sheet to be applied not only to a paragraph (as is standard in Xpress), but to selected text within a paragraph. The style sheets are applied from a small floating palette containing a popup menu of the active document's style sheets. Whether using the paragraph mode or the character mode, you will be able to modify a style sheet, and Stylist 2.0 will update the entire document accordingly.

* ExpresSep (Software Construction Co.). This Xtension allows Xpress

to print and separate jpeg-compressed Level 2 eps files to any PostScript device. It is not a requirement for the PostScript **printer** to be a Level 2 device. This Xtension, however, supports only Level 2 eps files generated using Photoshop 3.0. Support for other vendors' Level 2 eps files, such as those produced by Storm Technology, may be available as an upgrade in the future.

- * Photoshop Import Xtension (Techno Design). This Xtension allows Xpress to accept multilayered native Photoshop files.

- * XLink 3.4 (Advise). XLink is an aid for managing graphics-intensive documents. It allows the user to incorporate pictures into groups, save additional information to picture boxes, import all or a select number of pictures at once, position all picture boxes on pages at once, check and modify properties of all picture boxes, update the pictures in a document, update and modify paths and names of pictures, create picture lists, and copy a document and the pictures belonging to it to other locations or media.

- * Alias Pro (Patrick Perroud). Alias Pro can execute multiple search and replace routines for text, handling virtually any character, string or word in an Xpress document.

- * AutoPrice (Meadows Information Systems). AutoPrice links Xpress documents to an external database. With it, you can specify search criteria for differentiating between variations, such as a range of sizes or quantities, and link to any range of text anywhere in a document. When accessed, the latest information is extracted from the database and inserted automatically. AutoPrice optionally generates a full report, including a list of every item replaced, its current value, the page number, missing items and any errors.

- * Html Xport (Eric Knudstrap). Html Xport translates bullets into unordered lists. It translates the Macintosh special characters, such as em and en dashes and smart quotes, into ascii or html style tags. It adds an html preferences item in the utilities menu that allows setting type size ranges to match appropriate html styles during export.

- * PageXtractor (Cyan). PageXtractor XT produces a thumbnail and a full-size preview and extracts all the page's text. This allows the Xpress file to be archived with a database or browsing application such as Fetch or Cumulus (see SRPS, Vol. 25, No. 1).

- * Azalea Prepress Xtension (Azalea Software). This Xtension ensures that the PostScript files generated by Xpress conform to dsc standards so that they can be postprocessed by applications like PrePrint and TrapWise. APX works on individual pages or spreads, handles page bleeds automatically, and works with opi servers like Color Central. Standard options are available in the Export for Prepress dialog box along with a few extras.

- * Digital Pilot (Moore Business Forms). Digital Pilot offers preflight assistance to Xpress users by automatically checking documents for errors prior to sending them to service bureaus.

- * PubViews (North Atlantic Publishing Systems). PubViews is a combination application and Xtension that allows checking the status of any number of Xpress pages. It saves a preview thumbnail of each Xpress page as part of the file when the document is saved. The application scans a preset folder looking for documents that it can display either as raw pages or spread by spread. In the latter mode, pages are displayed in actual position. Double-clicking on a thumbnail shows a close-up of that page. Command-double-clicking on a page in PubViews launches Xpress and opens the document containing the selected page.

- * Droplet (North Atlantic Publishing Systems). With Droplet, the operator can drag and drop a word processor or graphic file supported by Xpress onto an Xpress document from the Finder.

- * JobDetective (KD Technology). With JobDetective installed, Xpress tracks everything that happens to a document. This information is encapsulated with the document file, so the history follows the document wherever it goes. It keeps track of each time the document is opened, saved (as a document or as an eps file) or printed. Every action is time- and date-stamped and tagged with the name of the user who performed the action.

* Schawk Roundup (Schawk). Schawk Roundup helps the user collect information about electronically created files, such as which fonts and linked graphics were used in the design of a job.

* SpotLite (Media Support & Development). SpotLite makes automatic color separation possible. SpotLite helps you change all or selected spot colors in a document to process separations, either automatically by setting the preferences, or manually by using the Color Separator dialogue.

* Spreadeps (Ferax Software Engineering). Spreadeps is a tool for saving Xpress page spreads as eps files.

* Gumpinger's Eight Pack (Gumption Plainware). Gumpinger's Eight Pack is an AppleScript application enabling the application of certain effects to a document from outside Xpress.

* PM to QXD Conversion Tools (Herb Fogler). Taking advantage of AppleScript, it is now possible to convert a PageMaker document to an Xpress document, with the same number and size of pages. Color names and cmyk values are automatically built into the color palette. Every item in the document is cloned, keeping as many item attributes as possible.

* BobTail (Blossom Tree Software). This tool speeds up menu and dialog access in Xpress by providing a palette of 20 buttons that can be configured to a specific menu item.

* Power PrePress Tools (Herb Fogler). With more than 40 AppleScripts, this package helps to eliminate common prepress problems before you run out film proofs or plates. It also automates some tedious tasks that would normally take hours to do properly. They are fully editable so you can customize them for your own use. One overrides the background trap of every box whose background is white or if the shade is set to 0% (essentially white) to knock out. Another one produces a denser black by adding screens of process black to the solid process black.

* No-Trap (Focoltone). The No-Trap Xtension automatically sorts colors in the custom color palette so that any colors selected from that palette will not need manual trapping.

* Scitex TwoPoint (Scitex). Scitex TwoPoint allows the user to replace images in an Xpress document with other images and automatically retain all necessary offset, scaling and rotation. TwoPoint can replace any type of image supported by Xpress.

* CheckItOut (Ferax Software Engineering). CheckItOut is designed to improve operations over a network by copying a working file onto the local disk, enabling more efficient working and quicker saving. Anyone else on the network attempting to access that document will be notified who has the document and where it is.

* Power2Publish (Lepton Technologies). This collection of eight utilities enables customizing a document from the moment it is created. You can have typing errors detected and automatically corrected on the fly. You can set a different text inset on different sides of the same text box. BetterLock lets you lock items in a document. TabNudger allows you to make slight tab adjustments. Toolkeys lets you assign keyboard equivalents to select the tool you wish to use.

* LockPrefs (KD Technology). With LockPrefs, you can create one set of master preferences and protect them by disabling other users' access so they cannot change them. In this way, every new document created is given these standard preferences, while existing documents still contain their own set of preferences.

* MailSender (KD Technology). MailSender gives users transparent e-mail access using the native messaging capabilities of PowerTalk. It can automatically enclose an Xpress document into a PowerTalk letter.

Xeikon2601

See Hot Picks and p. 2 for a description of Xeikon's plans to show its digital press in its booth and the New Tech Lab.

Xerox Colorgrafx Systems2538

Xerox Colorgrafx Systems will introduce a new, large-format digital system called the Vivagrafx. It includes a 36.sup.2 -wide private-label Encad NovaJet III ink-jet **printer** with a third-party rip (as yet unidentified) and front-end printing software. It is targeted at low-volume production.

Also new will be the 8954 Series III large-format digital **printer**, which will be available in 200-, 300- and 400-dpi models. The speed is 4.sup.2 per second. It will output posters up to 30.sup.2 x40.sup.2 .

Also in the booth will be the new, 400-dpi, 11.sup.2 x17.sup.2 , 9-ppm Regal 5790 copier- **printer** .

Xinet311

Xinet develops and markets Unix-Macintosh connectivity products. It will show FullPress, its integrated prepress management system for file sharing, opi and print spooling. High-resolution originals can come from any source -- a scanner, a Unix workstation or a Macintosh. As soon as originals are moved to a shared volume, fpo files become available to users on the network. FullPress can also provide pict previews and custom icons for most images placed in a FullPress volume.

At the same time that one user is placing a low-resolution image, another user can edit the high-resolution version.

X-Rite2037

X-Rite will host third-party vendors and users in what it calls The Color Proving Ground. Products and applications will be presented to demonstrate the feasibility of color communication and measurement using tools and methods that are currently available.

XSoft3641

The XSoft division of Xerox will demonstrate its Astoria document component management system designed to ease the process of creating, editing and publishing structured information. The system enables workgroup collaboration by allowing users to share and manage components of information found inside documents. Users may access, track and reuse sections, paragraphs and other document components rather than entire files. The system initially will be targeted at companies that have adopted sgml as a corporate direction; it will also support non-sgml files (see Vol. 3, No. 8).

Xyvision3627

Xyvision will introduce an enhanced PDM Windows client for its Parlance Document Manager (PDM) compound document management system. Part of PDM 2.3, to be introduced later this year, it incorporates a new icon-based user interface with much of the same functionality available with the PDM Unix client, including multiple tool selection, report generation, build-list ordering and the ability to build and populate PDM projects.

PDM enables companies to manage information as objects in a common database, share and reuse these objects in multiple documents, and publish the same information in both paper and electronic media. PDM supports objects of varying sizes and formats (including sgml fragments and non-sgml text elements) and provides version control, built-in workflow, and content management.

Yamaha Systems Technology642

Yamaha will show its CDR100 cd-rom recorder, which operates at 1x, 2x and 4x speeds and supports disc-at-once and multisession modes. It accommodates standard formats, including cd-rom xa, cd-i and cd-Audio. It uses a scsi-ii interface and comes as either an internal or external unit.

Yarc Systems3630

Yarc will introduce two new pci rip cards: one for the Canon CLC and one for the Encad NovaJet. In addition, it will show a Power Macintosh pci accelerator board for vml 3d browsing over the World Wide **Web**, through Apple's QuickDraw 3D.

The rip for the CLC, which features 128 mb of local dram, is a PostScript rip on a pci card that plugs into a Power Macintosh equipped with pci capability. The rip software supports opi server functions, print spooling, color matching and 2-byte fonts.

The rip for the NovaJet, due for shipment in a few months, uses a PowerPC coprocessor to enhance performance and output quality, Yarc says.

In addition to its own booth, Yarc will exhibit in Apple's booth and in the Masters of Media Showcase area.

Zenographics3437

Zenographics will show SuperPrint version 4.0, its printing utility

(see Vol. 3, No. 3, for an overview of the product). The new version will be shipped on cd-rom and contain three versions: one each for Windows 95, nt and 3.1. SuperPrint is designed to speed printing and enhance clarity of output. The new version uses a 32-bit rasterizer that bypasses the Windows 95 16-bit printing engine.

SuperPrint also includes an html " **printer** " driver that enables printing directly to html format. As an application **printer** , the html driver generates text and embedded gif and jpeg graphics. Many pages are produced **Web** -ready; others may need minor cleanup with an html editor.

Zeon2836

Zeon will introduce two new products: the DocuCom family and the Z2 imagesetter interface boards. The DocuCom is designed to generate and distribute electronic documents. It supports viewing and printing as well as editing of pdf documents. Zeon has extended the pdf specification to support the double-byte character set for Asian languages.

The family includes DocuMaker, which converts PostScript files to pdf format, and DocuReader, for browsing and printing pdf documents. Information within the document can be copied to other applications via the clipboard. DocuPlus allows you to create and edit bookmarks, hyperlinks and notes. The text mark feature allows you to highlight sections of the text. Thumbnails of pages can also be generated.

The DocuDriver is a Windows **printer** driver for printing pdf files to non-PostScript printers.

The Z2 pci-based multipurpose video interface boards support a variety of output engines. The product includes one motherboard to piggyback one daughterboard. The daughterboard is now available for PrePress Solutions, Agfa and ECRM imagesetters. Drivers support ms-dos and nt platforms.

The Art Galleries for a Change of Pace from the Exhibits

When you begin sagging from too many demos, take a break and visit one or more of the art galleries open to everyone attending the show.

WhaleSong Gallery Located next to Apple's Masters of Media Showcase, this museum gallery presents interesting black-and-white photos of celebrities, taken by photographer Norman Seeff, that appeared in WhaleSong's coffee-table book Sessions! The gallery also has a video explaining how leading-edge desktop technology was used to reproduce the photos in the book.

Strata Digital Art Gallery Making its debut, Strata's gallery will spotlight the works of artists who have used the latest in graphic design tools, including, of course, Strata's own 3d tools.

Computer Artist Gallery Computer Artist magazine presents its annual retrospective of digital art and illustrations, of special interest to artists and illustrators.

Real World Imaging Gallery For the third year in a row, Micro Publishing News will feature winning entries from its digital art contest.

Publishing, Printing and PostScript

Acquired Knowledge will teach a one-day course titled "Publishing, Printing and PostScript." Scheduled for Sept. 26, the one-day class will discuss issues affecting printing and graphic arts professionals who deal with PostScript. Topics include an introduction to PostScript, fonts in PostScript and PostScript Output. John Deubert, president of Acquired Knowledge, will be the course instructor. The program fee is \$349. Register by calling Seybold show management at (415) 578-6900.

Masters of Media Showcase

Next to the Cafe in the North Hall, Apple is sponsoring an 8,000-square-foot educational showcase that we expect to be well worth a visit. Apple's partners in the venture include many electronic publishing vendors providing dramatic demonstrations of complete workflows for print, cd-rom and online publishing.

The underlying theme will be watching an integrated marketing campaign in the making. Steps will include making a video, a magazine insert, a merchandising catalog, an in-store cd-rom kiosk, customized direct mail, newspaper ads, point-of-purchase displays and **Web** sites. Apple is inviting showgoers to touch, feel, see and participate in the process of authoring, editing and distributing content across a variety of media.

Even seasoned pros will find items of interest. Among the brand-new technologies expected are Canon's ColorGear color-matching technology.

Komori's Printroom 2000

For those whose interests include conventional printing presses, after visiting the Apple showcase be sure to go across the aisle to Komori's Printroom 2000. The setup, which includes the modern Komori Lithrone press that will print the show daily newspaper, will show Komori's vision of how computers will affect offset printing operations.

The purpose of the demonstration is to show fully integrated digital process control from prepress all the way to the printed sheet. Plates will be imaged by a PTP 80 computer-to-plate system with automatic plate loading and transferred directly to the automated Lithrone press. The system also performs ink-control analysis, creating a file that can be used for setting and controlling ink density on the press.

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SPECIAL FEATURES: illustration; photograph; chart

DESCRIPTORS: Trade Show Report; Seybold Computer Publishing Conference and Exposition

FILE SEGMENT: CD File 275

... accept PostScript files.

Also in the booth will be the Datametrics Cymax high-speed color **printer**, which A.B.Dick markets as the Digital Color **Printer**. It can print up to 20 A4 pages per minute (see Datametrics, below). A.B...

...the Macintosh transports electronically produced documents over telephone and isdn lines, LocalTalk networks or the **Internet**. Group Logic, a developer of telecommunications software for the desktop video conferencing and graphic arts...

...Tech, a supplier of page description languages, will show a group of products from its **Printer** Systems Division, including a low- to medium-speed device that automatically switches between PostScript and...

...its ColorTec server, which converts a digital color copier into a full-function color network **printer**.

Agfa1201

See Hot Picks, where the Chromapress is highlighted.

Besides the Chromapress digital press, Agfa...Alpha Merics4325

Alpha Merics will show the same 300-dpi Spectrum wax-based ink-jet **printer** it featured last year (see Vol. 3, No. 3, p. 4, and No. 9, p...

...AquaBond, an ink and media combination for generating waterproof prints from any NovaJet or compatible **printer**. It also will show Graphic Arts ink, which is claimed to be 40% more resistant...

...reusable blocks of text.

Archetype2225

Archetype will demonstrate a prerelease version of Archetype Duo, its **Web** publishing application, plus its Information Management System 3.0, in its official launch after being...

...connected to an APS-200 opi server driving an APS ColorMaster, an APS-200 laser **printer** and an APS 650PS large-format **printer**.

Autologic also will offer some new networking services.

Meanwhile, procedures leading to the merger with...and firmware (see Vol. 3, No. 2). It will be demonstrated integrated into a prototype **Web** browser from Spyglass.

Corel has licensed the TrueDoc technology for use in its product line
...

...Layout Software provides on-screen control of scanning, cropping, positioning and aligning of large-format **images**. Print-O-Matic **sends**

files processed by CactusPower to any Cactus-supported **printer** device.

Cactus is also expected to announced Cactus Soft Proof, a new color-calibration system...

...of printers and input devices. Among them will be the new TechJet wide-format color **printer** . Also demonstrated will be the EcoGrafix Film Imaging System, which requires no chemical processing (see...

...professional photographic imaging equipment. It is also the exclusive distributor of the Megavision T-2 **digital** camera. This three-shot system, which captures 12-bit color **images** , can be used as a camera back or stand-alone camera (see SRPS, Vol. 23...new Hewlett-Packard 750 large-format electrostatic plotter and the new Xerox Regal 5970 copier-**printer** . It also will be driving an Encad NovaJet ink-jet **printer** and a Canon CLC digital copier- **printer** . Support for the Xerox Versatec is planned. (For more on Cyclone, see Vol. 2, No...

...show its WebStorm service linking service bureaus with potential printing customers via the World Wide **Web** , as was shown at the Seybold Seminars in March.

Color Partnership901/1213/2825

Exhibiting in...

...improve readability, even at sizes smaller than 7 points.

Also new is the Common Ground **Web** Publishing System, which consists of client and server components. The client is used for creating DigitalPaper documents and linking them to resources on the **Web** . A tool for creating url links enables document authors to link DigitalPaper documents to html pages, other **Web** sites or other DigitalPaper documents. Any table of contents or document summary information is automatically extracted by the **Web** server for insertion in the html templates.

The server creates a navigational infrastructure for a...

...DocuTech, it is possible to build an entire job consisting of many disparate pieces -- opi **images** , user fonts and layouts. The user selects from available files, indicates print options and then **sends** the job to any **printer** site, either on the network or remotely. The DocuServer host opens the job ticket, gathers all required job components and **sends** everything to the appropriate output device.

Corel3344

Corel was a last-minute entrant, so we...

...Craig will feature the ColorScribe 6000, which it claims is the first color ink-jet **printer** capable of labeling printable cd-r media. Craig develops special cd-r media to work...

...to 8,000 dpi. Also shown will be models of its LightJet continuous-tone color **digital** film recorders that **image** onto rgb photosensitive materials.

Dalim Imaging Software501

Dalim will show Maistro, its production planning, control...

...21).

Dalim also will demonstrate Calypso, its page makeup and retouching package; Bolero, which executes **digital** artwork and reproduction for the packaging industry; Galerie, **image** and document archival software; Toccata, server software for the direct-to-plate market; and Twist...

...conversion software with an autotrapping option.

Datametrics4411

Datametrics will show its Cymax 3240 wax-transfer **printer** , formerly called the 3010, developed for use in the defense business and now available commercially...pcx, Targa, dib, dcx, gif, bmp, wmf, pict, cals, Sun Raster, Macintosh, Photoshop and Kodak **Photo** CD.

Digital Pressworks3442

Digital Pressworks is a franchise large-format **printing** network. Franchise centers are linked through the Rainbow Network, a high-speed backbone that transports files of more than 100 mb via secured **Internet** access.

DK&A1937

DK&A will show a new version of Inposition, its imposition program... and wide-area networks, and various input and output devices.

The CelServer also offers an **image** database with **thumbnail** views of all **images** in the current workflow for **image** browsing. Activities can be monitored by job or by workstation. All elements associated with a ...

...through oem deals.

Electronic Book Technologies1137

EBT will show its DynaWeb 1.0 sgml-based **Web** server software, introduced a year ago at Seybold San Francisco (see Vol. 3, No. 2). It provides **Web** client browsers with the full functionality of the DynaText search engine, including the capability of...

...and complex searching.

EBT will also show Figleaf ("Figure leaf"), a free, multiformat World Wide **Web** browser. It directly supports viewing of native cgm files and a broad range of other...

...gif, epsf, cals (ccitt group 4), bmp, Sun Raster and jpeg. Helper applications, specified in **Web** browsers' "Options/Preferences" area, are automatically launched when a browser encounters a format it doesn't...

...support.

EBT also will show WebTap, a free HotJava applet for stress testing and analyzing **Web** servers. It can be directed to "tap" a **Web** server and report back such data as response time, download time and processing time for document requests. In addition, it enables "continuous tapping" to stress-test **Web** servers.

Electronics for Imaging1014

See cooperation with Indigo in Hot Picks section, where it is...

...at Drupa, the NovaZoom, is a scan-to-print controller that enables scanning four-color **photos** and **printing** them enlarged to 999% on the NovaJet. (See SRPS, Vol. 24, No. 21, p. 64...

...will highlight its full-bleed, 11.sup.2 x17.sup.2 Stylus Pro XL color **printer**, which offers 720x720-dpi output, and the letter-size Stylus Pro. They will be ...Equilibrium will demonstrate the expanded capabilities of its DeBabelizer, with support for interlaced gif (the **Internet** standard graphics format for World Wide **Web** browsers) with selectable transparency. Version 1.6.5 supports cross-platform graphics translation for more...

...by the rip than the old composite-font format.

Folio3925

Folio will demonstrate its Infobase **Web** Server, an http server for nt, which makes Folio Infobases available across the World Wide **Web**. Using the new server, an Infobase can be accessed simultaneously by users on the **Web** and by others using Folio Views 3.1 locally. The server performs on-the-fly translations of Infobases into html format for immediate viewing using standard **Web** browsers.

Folio will show its Retriever for finding and downloading user-specified information from the **Web** to populate Infobases. As a Folio Infobase, the information automatically includes full-text indexing and...

...artwork between ad agencies and publishers. It takes an electronically created document and saves the **image** with the outline of all fonts as an eps file. This file is then **transmitted** digitally, to one or more

destinations simultaneously, via a dial-up isdn line at a...

...3.5 mb per minute.

4-Sight will also announce a new system for managing **printing** and **images**, called 4-Sight OPI. It can run with up to 16 output devices and control...

...importing of Illustrator 5 files, the ability to create image maps for use on the **Web**, frame-by-frame animation, a mosaic brush and a floating drawing layer that creates vector...layout features by allowing the user to define specialized layout styles for the World Wide **Web**.

In release 2.0, Harlequin has expanded the basic functionality to support Unix, Windows and...

...processing capabilities ensuring that changes in a master document are automatically mirrored on the relevant **Web** pages.

Harlequin's Color Management System (HCMS) will have its U.S. launch after a...

...and ScriptWorks enable a user to get a contract proof off of a digital color **printer** and to be assured of accurate color from the platesetter or digital press.

Harlequin will...and photo, p. 18).

Home Pages3439

Home Pages provides a wide variety of World Wide **Web** authoring and site development services, and is the creator of the World Wide Yellow Pages. Its demonstrations will include examples of 3d virtual reality **Web** sites.

In addition, Home Pages is designing the vrml 3d trade-show exhibit for Seybold...

...it shortens mounting time to five seconds. The scanner also employs Imacon's analog-to-**digital** conversion technology.

Image Technologies Developments3343

Image Technologies, which we covered at Drupa (see SRPS, Vol. 24, No. 21), will demonstrate its...of html tags based on existing file structure.

Html Transit also includes features that improve **Internet** response, such as optionally displaying graphics as thumbnails or "see graphic" hyperlinks, and splitting large...

...is a customized workstation designed to capture, transfer, process, manipulate, output and archive professional-quality **digital images**.

It comes packaged with a Nikon E-2 **digital** camera and a 24-bit, 600-dpi (interpolated to 2,600 dpi), 11.sup.2...multiple output devices. Also new is the DisplayMaker Express, a fast, wide-format ink-jet **printer** unveiled at Drupa. It prints at 307 dpi on material up to 54.sup.2...

...free imagesetter, first shown at Seybold San Francisco '94. The system includes a plain-paper **printer** and a film-based **imager**, which uses a heat process to image alternately on monochrome imagesetting film and thermal-transfer...

...a Profile Viewer that makes it possible to see on the screen the color a **printer** will print and to view Photoshop separation tables.

Light Source will also show a ColorShop...

...runs with applications such as Xpress and PageMaker. To alert the user of any potential **printing** problems, it scans a document's elements (colors, fonts, **images**, trapping, and so forth) and displays or **prints** the results.

Mega Drive Systems1212

Mega Drive System will highlight its Enterprise Dual-Channel E...and images are distributed in an electronic format, typically on cd-rom and

over the **Internet** .

Minolta3142

Minolta will feature the RD-175 digital camera, which incorporates a Minolta Maxxum 400si...

...It costs less than \$2,000.

Minolta also will show the CF80 Plus digital copier- **printer** , which features its Q-Script 3000 controller and prints up to 11.sup.2 x17...

...an America Online company, is offering a new service, called NaviService, to help companies establish **Web** sites in a commercial environment. Showcasing NaviSoft's NaviPress and NaviServer client-server software, it...

...management and remote authoring capabilities that enable companies to manage and update information on the **Web** from multiple locations.

It supports creation of text links, sound, graphics, forms and other html-based applications. NaviSoft supplies templates to speed the process of designing and creating **Web** applications. It also enables developers to create customized **Web** applications remotely using NaviServer's api and scripting languages or C programs. NaviService is available...is an integrated wysiwyg authoring and browsing tool that enables users to create and edit **Web** applications and presentations without typing html tags or urls. NaviServer incorporates a database-management system...

...Systems317

NewGen will display its ChromaxPro Color Proofing System based on the Minolta dye-sublimation **printer** . It uses NewGen's proprietary color-management system, ChroMatch, which is embedded in the Level...

...other analog systems, such as Chromalin and Watermark, will be added.

Among its capabilities are **printing** raster **images** from Photoshop, **printing** dcs files directly from Xpress and proofing trapping information from any application that supports separations...

...4500 multifformat scanner, its AX-1200 Scantouch Flatbed Scanner, its NP-10 Coolprint digital color **printer** and its E2 digital still camera (see SRPS, Vol. 25, No. 1).

NoRad4544

NoRad, a...

...by magnetic-field strength and direction.

Novell2135

Novell will demonstrate an enhanced version of WordPerfect **Internet** Publisher for Windows, a free add-on to WordPerfect 6.1 that allows users to create and view documents on the **Internet** without having to learn html. New features include support for simple tables, the ability to...

...will show HyperWriter 4.2 Professional, an electronic publishing toolkit for producing cd-roms and **Internet Web** sites (see SRPS, Vol. 21, No. 19). Among the standard features are full-text searching...

...for members of a workgroup; full-text retrieval across multiple servers, cd-roms and the **Web** ; automatic indexing, the ability to provide access to the object or document library over the **Web** via automatically generated html files; and a visual development environment for extending the system for...

...Associates4509

O'Reilly & Associates will feature WebSite, which it says is the only World Wide **Web** server currently available for Windows 95. Its Windows 95 features include tabbed dialogs, tree displays and Visual Basic support. Current data from spreadsheets and databases can be incorporated into **Web** documents.

WebSite works on a lan as a workgroup server.

WebSite for Windows 95 requires...Software provides hosting services

and professional tools for interactive catalog publishing on the World Wide **Web** . Its **Web** Commerce Solution includes WebCatalog and WebMerchant modules.

WebCatalog provides a customizable search engine linked to...

...of graphic file formats including QuickTime movies. An "export to html" feature instantly creates a **Web** site of a catalog that includes jpeg or gif thumbnails, formatted html text, and url...

...of features to help ease everyday desktop publishing tasks. For example, it converts documents to **printer** 's spreads, creates crop marks and registration targets, creates a grid of Xpress lines, copies...

...booth to demonstrate its SearchServer and SurfBoard tool for full-text retrieval from World Wide **Web** sites. Fulcrum recently acquired a minority interest in Passage Systems, and Passage is now a...

...databases. One of its features is to make the archive available on the World Wide **Web** . (See SRPS, Vol. 25, No. 1.)

PhotoScript Group436

See Pisa Systems.

Pindar2834

Pindar will show...memory and disk storage are available.

Multiple printers can be connected simultaneously. More than 50

printer drivers are supported, including large-format devices from Encad and HP. Also included are fm...

...8000. The 8200 is priced at \$12,995.

Plannet Online3141

Plannet Online provides World Wide **Web** services for the graphic communications industry. Its site on the **Web** lists creative professionals, products, services and events in the field. Keyword searching is supported and...

...PrePress will highlight its recently introduced PantherPlate series as well as PrePress Main Street, its **WWW** site. The PantherPlate series includes the 34P, 36P and 46P, which image polyester plates 13...The PDQ Peripherals division will show a portable pc sound system.

Prime Option243

See Vivid **Image** .

QMS217

QMS will exhibit its latest color laser **printer** , the Magicolor CX, and CrownCopy, a color copier option for both the Magicolor CX and...

...CrownImage includes software and utilities that enable efficient and effective input, storage and output of **image** -intensive documents.

The Magicolor CX **prints** 12 monochrome pages per minute and 3-6 color pages per minute at 600x600 dpi...

...announce the availability of the cmyk Press Ribbon for the Full-Page ProofPositive 3.0 **printer** . It will announce a new set of color-matching profiles for both the Full-Page...variable data and trapping. It will be priced at just below \$200,000.

The Scitex **Internet** System 10 is a turnkey system for starting to publish on the **Internet** . Code-named HomeRun server, it includes a Macintosh server (equipped with 64 mb of ram...

...company, 20 Quark Xtensions for use by remote clients, numerous other software packages relating to **Web** access and use (many of which are available free), one year of **Internet** access service, one year of local carrier service, all connections for the **Internet** and the local phone carrier (connecting over a 56-kilobit line, with a T1 connection...

...full training and support. The total cost is \$35,000.

In a Scitex shop, the **Internet** system is viewed as streamlining

activity between a shop and its clients. Xpress pages and low-resolution **image** files can be accessed by clients, who can change **photos**, make modifications and **send** the pages back, using hot folders to automate procedures. **Images** and pages are tracked by the shop's Ripro Archiver. The new workstation, called Blaze...

...S700 desktop flatbed scanner (see SRPS, Vol. 24, No. 14), the FP-600S dye-sublimation **printer** (see Vol. 3, No. 3), the DC-R1030 film recorder (SRPS, Vol. 24, No. 17...
...rip with Radiance Spectral Color Matching for HP's new DesignJet 750. NewGen's Chromax **printer** will also be on display. ColorBox is a hardware and software rip for ink-jet...

...of SeeColor's ink-jet rip for the NovaJet) and NewGen's Chromax dye-sublimation **printer** calibrated with Radiance.
* DynaLab -- DynaRip (a SeeColor oem rip for Chinese and Japanese fonts) and...StarNine Technologies4000
In StarNine's booth will be version 1.2 of the WebStar Macintosh **Web** server and ListStar, an e-mail publisher that sponsors mailing lists and provides e-mail...aquarium in its booth in which to dunk output from Encad and HP printers. One **printer** will use Sumner & Taylor ink and the other will use a commercial ink.
Sumner & Taylor...

...Microsystems1419
See Hot Picks for comments on the Java and HotJava programming languages for the **Internet**.
Besides the Java languages, Sun will display its new Netra **Internet** servers. Installable in less than two minutes, they come with preinstalled hardware and software for publishing on the **Internet**.
Sun will feature its suite of network security offerings, including Solstice SunScreen and Solstice Firewall...

...will demonstrate a new printing technology said to produce near photographic results on a monochrome **printer**. It utilizes four levels of black ink in a specially modified Phaser 340. No further...

...and Power Mac, which lets users print a ColorPrinter Reference Guide to their own PostScript **printer**. Three new features make it easier for designers to select colors for text, borders and...the same features as ColorPrinter Software 4.1 and can work with any digital color **printer**.
UFO Systems4424
UFO will present its ColorFlare PostScript rip (see SRPS, Vol. 24, No. 21...

...an A3 scanback driving a Xerox Majestik color copier and a NovaJet color ink-jet **printer**.
Ultimate Technographics901
Ultimate will show its Trapeze trapping application and Impress imposition software, both of...

...printing system, a wide-format color imaging system based on a 300-dpi ink-jet **printer**. It is available in two sizes: 24.sup.2 x26.sup.2 (610x660mm) and 36...

...Technologies337
See Hot Picks for coverage of Vermeer's FrontPage software for getting onto the **Internet**.
Vertec Solutions1117
Vertec will show new features for its RIPz rip driving large-format printers...

...New at the show will be an entry-level or Kiosk version that accepts still **images** and text, electronically builds and **prints** a purchase

order for **sending** by fax and provides the same browsing functionality as the full-featured version. Edi and...

...95 version will rasterize and print PostScript files to virtually any wide-format ink-jet **printer**. It costs \$3,495.

World-Wide Power3307

The World-Wide Power Company will distribute plug-ins, Xtensions, Connections, filters and utilities, using the **Internet** as its marketing tool of choice. It will market extensions for Xpress, Illustrator, Photoshop, PageMaker...

...software (Azalea); Schawk Roundup, Epilogue and Smart XT (Total Integration); QX Tools and PageTools (Extensis); **Internet** Home Page Authors (Wright Digital); PM Design Set (Bullfrog); Color Compass (Praxisoft); Fractal Terrain (Strata...8). Also highlighted will be the 1,800x1,800-dpi LaserPress 1800 Level 2 laser **printer** (see SRDP, Vol. 9, No. 11).

XChange511

As usual, XChange will display a variety of...

...as well as to paragraphs. QX-Filters enables running Photoshop plug-in filters on graphic **images** within Xpress. QX-Viewer displays **thumbnail images** of pages and allows you to scroll, zoom and page through a document easily, at...2 eps files to any PostScript device. It is not a requirement for the PostScript **printer** to be a Level 2 device. This Xtension, however, supports only Level 2 eps files...Vivagrafx. It includes a 36.sup.2 -wide private-label Encad NovaJet III ink-jet **printer** with a third-party rip (as yet unidentified) and front-end printing software. It is...

...at low-volume production.

Also new will be the 8954 Series III large-format digital **printer**, which will be available in 200-, 300- and 400-dpi models. The speed is 4...
...the new, 400-dpi, 11.sup.2 x17.sup.2, 9-ppm Regal 5790 copier- **printer**

Xinet311

Xinet develops and markets Unix-Macintosh connectivity products. It will show FullPress, its integrated...show a Power Macintosh pci accelerator board for vrml 3d browsing over the World Wide **Web**, through Apple's QuickDraw 3D.

The rip for the CLC, which features 128 mb of...

...rasterizer that bypasses the Windows 95 16-bit printing engine.

SuperPrint also includes an html "**printer**" driver that enables printing directly to html format. As an application **printer**, the html driver generates text and embedded gif and jpeg graphics. Many pages are produced **Web**-ready; others may need minor cleanup with an html editor.

Zeon2836

Zeon will introduce two...

...of the text. Thumbnails of pages can also be generated.

The DocuDriver is a Windows **printer** driver for printing pdf files to non-PostScript printers.

The Z2 pci-based multipurpose video...

...in-store cd-rom kiosk, customized direct mail, newspaper ads, point-of-purchase displays and **Web** sites. Apple is inviting showgoers to touch, feel, see and participate in the process of...

36/9,K/5 (Item 3 from file: 275)

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More notes from Nexpo: image handling, digital cameras and links to